dAP technologies

Rugged Tablet Computer

User's Manual

MT1010

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Preface

This manual contains information that will help you operate this rugged Tablet Computer. It is divided into six chapters and two appendices.

- **Chapter 1: Getting Started**, takes you through the process of setting up your Tablet Computer and identifying its external components.
- **Chapter 2: Operating Your Tablet Computer**, tells you how to use the Tablet Computer's components and features.
- **Chapter 3: Connecting Your Tablet Computer**, provides information on installing and using peripheral devices.
- **Chapter 4: Managing Power**, provides information on power management.
- **Chapter 5: Expanding Your Tablet Computer**, provides information on installing and using optional accessories, such as docking stations, expansion modules, etc.
- **Chapter 6: Using BIOS Setup and System Recovery**, describes the BIOS Setup utility that configures the Tablet Computer's BIOS settings and system recovery utility that reinstalls Windows to the Tablet Computer.
- **Appendix A**, provides technical specifications and information on caring for your Tablet Computer, and gives solutions to common problems you may encounter when using the Tablet Computer.
- **Appendix B**, provides regulatory information and safety notices on your Tablet Computer.

Notational Conventions

Throughout this manual, the following conventions are used to distinguish elements of text.

> **NOTE:** Identifies additional information that requires special attention.

> **CAUTION:** Identifies important information that, if not followed, may result in loss of data or damage to the Tablet Computer..

Hardware and keyboard keys are shown in a bold typeset. For example:

Press the **F1** key to complete.

A title, command, setup item, value, option, or button that you can see on the screen is shown in boldface. For example:

Select **When I press the power button**, set it to **Shut down**, and then tap the **Save changes** button.

CHAPTER 1

Getting Started

Congratulations on purchasing this rugged Tablet Computer. The rugged design allows you to use it in harsh outdoor environments. You can use it under blazing heat, subzero cold, driving rain or dusty surroundings – places you could not take a consumer-grade Tablet Computer.

This chapter tells you step by step how to get the Tablet Computer up and running. You will find instructions for the following procedures:

- Unpacking
- Device Overview (An Explanation of External Components and their Functions)
- Installing the Stylus
- Installing the Memory Card
- Installing the SIM Card
- Installing Battery Packs and Connecting to AC Power
- Turning the Tablet Computer On and Off

Unpacking

After unpacking the shipping carton, you should find these standard items. Inspect all items. If any item is damaged or missing, notify your dealer immediately.

√ Tablet Computer

√ Battery Pack

√ Power Adapter

√ Power Cord and Plugs

√ Stylus

√ Tether for Stylus

√ Cleaning Cloth

√ Screen Protector Film

√ Windows 7 Certificate of Authenticity Label (COA)

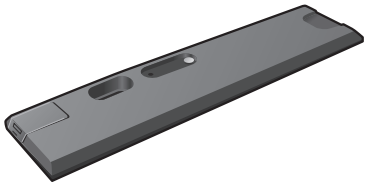
√ Quick Start Guide

Keep the shipping carton and packaging materials in case you need to ship or store the Tablet Computer in the future.

> **NOTE:** Actual items may slightly differ depending on the model you purchased.

Optional Items

√ Expansion Module



√ High Capacity Battery Pack

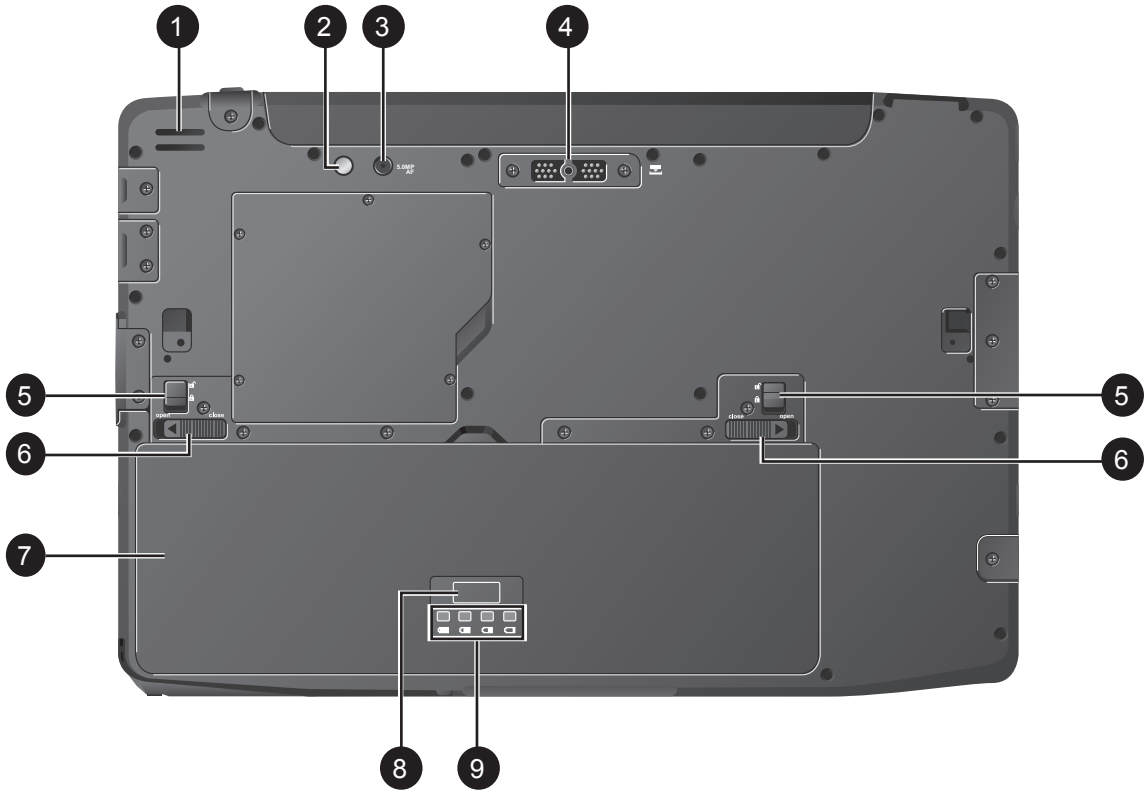
Device Overview

Front View

No.	Item		Description
1	Barcode Scanner Button		Press to activate the barcode scanner located on the top left corner of the Tablet Computer.
2	Web Camera		Use for video chatting and other interactive applications.
3	Up Key	▲	On menu selection, moves the cursor up or increases a value.
4	Down Key	▼	On menu selection, moves the cursor down or decreases a value.
5	LED Indicators		Shows the current status of the Tablet Computer.
	Thermal		Lights up when the Tablet Computer heater is on.
	Wireless		• **Solid green**: Wireless antenna is enabled. • **Off**: Wireless antenna is disabled.
	Battery		• **Blinking green**: Battery is charging • **Solid greeen**: Battery is fully charged. • **Blinking red**: Battery power is low.

No.	Item		Description
5	Power		• **Solid green**: Tablet computer is turned on • **Blinking green**: Tablet computer is in sleep mode. • **Off**: Tablet computer is turned off.
6	Ambient Light Sensor		Adjusts the screen brightness according to the current ambient light.
7	Microphone		Use for chatting and other interactive applications.
8	Touch Screen		Displays and receives information for the Tablet Computer.
9	Left Key	◄	On menu selection, moves the cursor to the left or decreases a value.
10	Right Key	►	On menu selection, moves the cursor to the right or increases a value.
11	Fingerprint Reader (Optional)		Scans fingerprints for security or verification purposes.

Rear View (Standard Model)



No.	Item	Description
1	Speaker	Sends out sound and voice from your Tablet Computer.
2	Camera Flash	Provides flash lighting for use with the camera.
3	CMOS Camera	Allows you to use the camera features.
4	Expansion Port	Connects to expansion modules, such as an RFID Reader, Smart Card Reader, etc. **Note:** Expansion modules are optional items and are sold separately.
5	Battery Lock	• Slide up to unlock the battery latch. • Slide down to lock the battery latch.
6	Battery Latch	• Slide inward to latch the battery pack to the Tablet Computer. • Slide outward to unlatch the battery pack from the Tablet Computer.
7	Battery Pack	Supplies power to your Tablet Computer when external power is not connected.

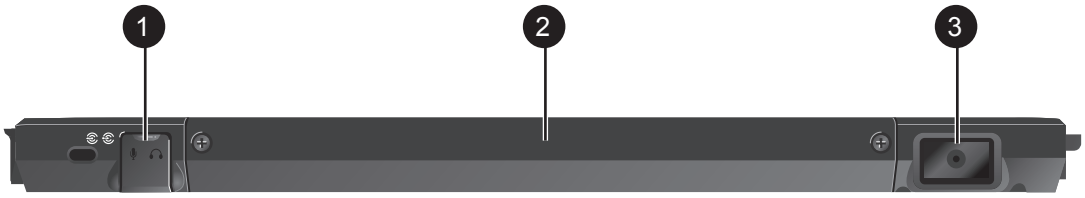
No.	Item		Description
8	Battery Button		Press the button to light the battery status LEDs. The LEDs automatically go off after 5 seconds.
9	Battery Status LEDs		Shows the battery capacity.
			Battery full
			Battery charged
			Battery half charged
			Battery low

Rear View (Expanded Model)

No.	Item	Description
1	Expansion Module	Provides additional features for the Tablet Computer.
2	Camera Flash	Provides flash lighting for use with the camera.
3	CMOS Camera	Allows you to use the camera features.
4	Expansion Module Screw	Secures the expansion module to the Tablet Computer.
5	SIM Card Slot	Stores a SIM card which provides data network capability to the Tablet Computer.
6	Smart Card Reader	Reads smart cards.
7	Battery Screws	Secures the high capacity battery pack to the Tablet Computer.
8	High Capacity Battery Pack	Supplies power to your Tablet Computer when external power is not connected.
9	Battery Button	Press the button to light the battery status LEDs. The LEDs automatically go off after 5 seconds.

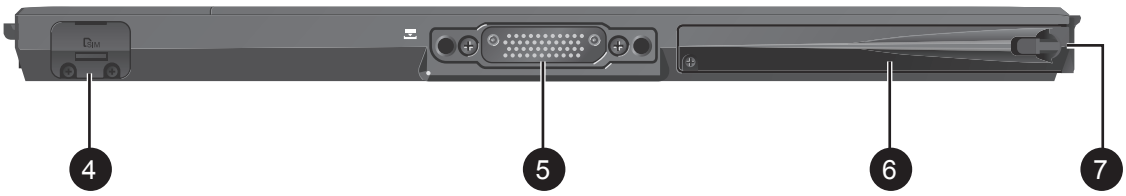
No.	Item		Description
10	Battery Status LEDs		Shows the battery capacity.
			Battery full
			Battery charged
			Battery half charged
			Battery low

Top and Bottom View



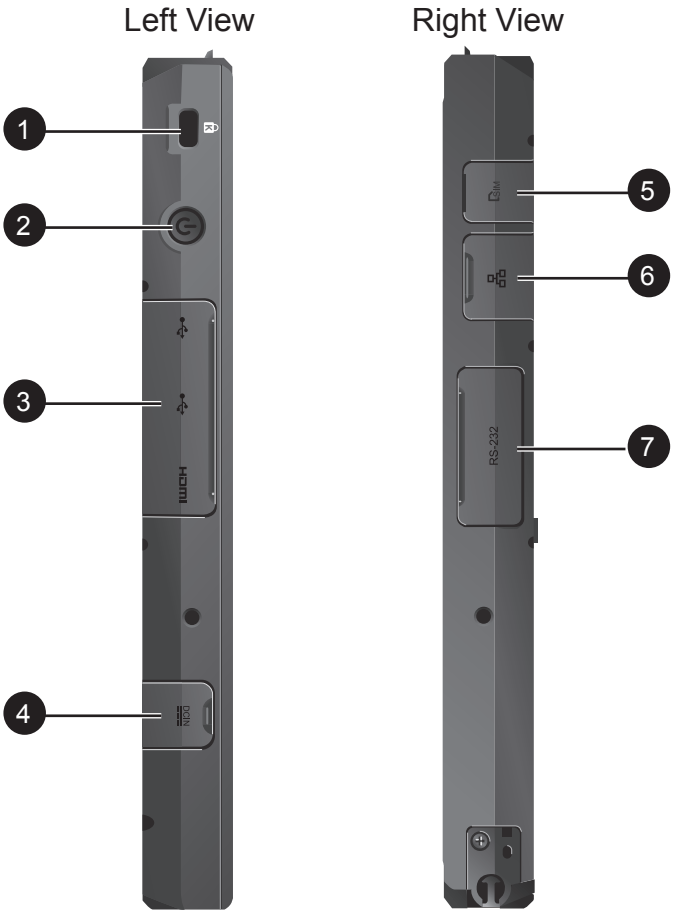
Top View

Bottom View



No.	Item	Description
1	Audio Connector	Connects to a set of headphones, external speakers, or an audio recording device.
2	Antenna	Receives and transmits wireless signals.
3	Barcode Reader	Reads barcodes.
4	Memory Card Slot	Stores the microSD card for additional storage.
5	Docking Connector	Connects to a docking station (optional).
6	Stylus Holder	Stores the stylus.
7	Stylus	Pull to release the stylus from the holder.

Left and Right Views



No.	Item		Description
1	Kensington Lock		Provides lock mechanism security.
2	Power Button		• Short press to enable sleep mode. • Long press to turn the Tablet Computer off.
3	USB Port		Connects to a USB device, such as a USB flash drive, mouse, printer, keyboard, etc.
	Mini USB Port		Connects to a USB device, such as a computer, printer, scanner, etc.
	HDMI Connector (Type D)	HDMI	Connects to an HDMI device such as an external monitor.
4	Power Connector	DCIN	Connects to the AC adapter.
5	SIM Card Slot	SIM	Stores the SIM card which provides 3G data connection to your Tablet Computer.
6	Ethernet Port		Connects to a LAN jack for network connection.
7	RS232 Port		Connects to a serial device, such as a scanner, printer, etc.

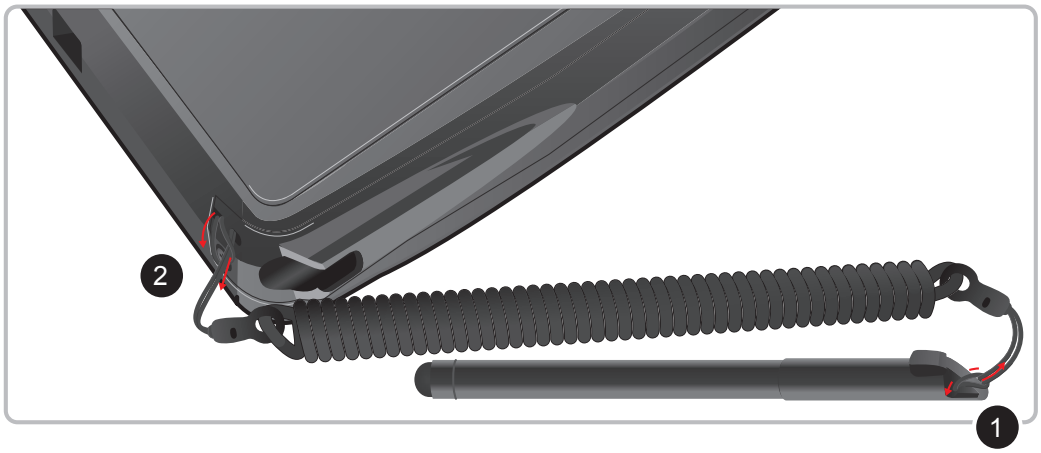
Installing the Stylus

Your Tablet Computer comes with a stylus for use with the touch screen.

The stylus holder at the bottom of the Tablet Computer provides a convenient place to store the stylus.

Perform the following to prepare and install the stylus to your Tablet Computer:

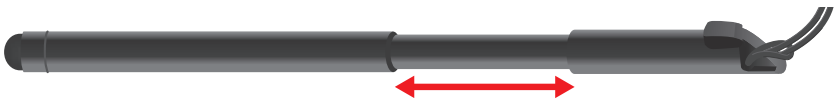
1. Loop one end of the tether to the stylus eyelet.
2. Loop the other end of the tether to the Tablet Computer eyelet.



3. Insert the stylus into the stylus holder until it locks into place.

Removing the Stylus

1. Pull the stylus by its tab to remove it from the stylus holder.
2. Before usage, expand the stylus.

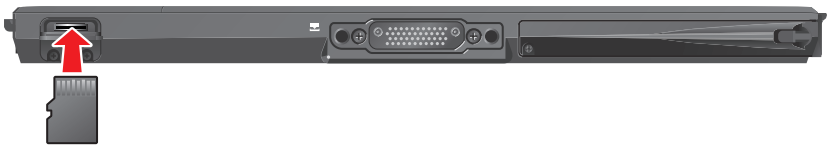


Installing the Memory Card

The Tablet Computer has a memory card slot that supports file transfer and provides additional storage space for the Tablet Computer.

Perform the following to install a microSD card to your Tablet Computer:

1. On the right side of the Tablet Computer, open the memory card slot cover.
2. Insert the microSD card with the gold contacts facing down.
3. Push the microSD card until it clicks into place.
4. Close the microSD card slot cover.



Removing the Memory Card

1. Perform Windows procedures on safely removing removable drives from the Tablet Computer.
2. On the right side of the Tablet Computer, open the memory card slot cover.
3. Push the microSD card to eject it from the slot.
4. Pull to remove the microSD card.

Installing the SIM Card

The Tablet Computer supports data connection using 3G SIM cards.

Perform the following to install the SIM card to your Tablet Computer:

1. Make sure the Tablet Computer is turned off.
2. On the bottom side of the Tablet Computer, open the SIM card slot cover.

3. Insert the SIM card with the cut-off corner side first and the gold contacts facing the front of the device.

4. Push the SIM card until it clicks into place.

> **NOTE:**
> - For more information on connecting to 3G network, see “Using 3G Network” on page 2-15.
> - To ensure signal connection, make sure to turn the Tablet Computer on or off before installing and removing the SIM card.

Removing the SIM Card

1. Turn the Tablet Computer off (see “Turning the Tablet Computer On and Off” on page 1-17).
2. On the bottom side of the Tablet Computer, open the SIM card slot cover.
3. Push the SIM card to eject it from the slot.
4. Pull to remove the SIM card.

Installing the Battery Pack

Perform the following to install the battery pack to the Tablet Computer.

1. Place the Tablet Computer face down on a flat even surface.
2. From the bottom side of the battery pack, align and place the battery pack on its bay.

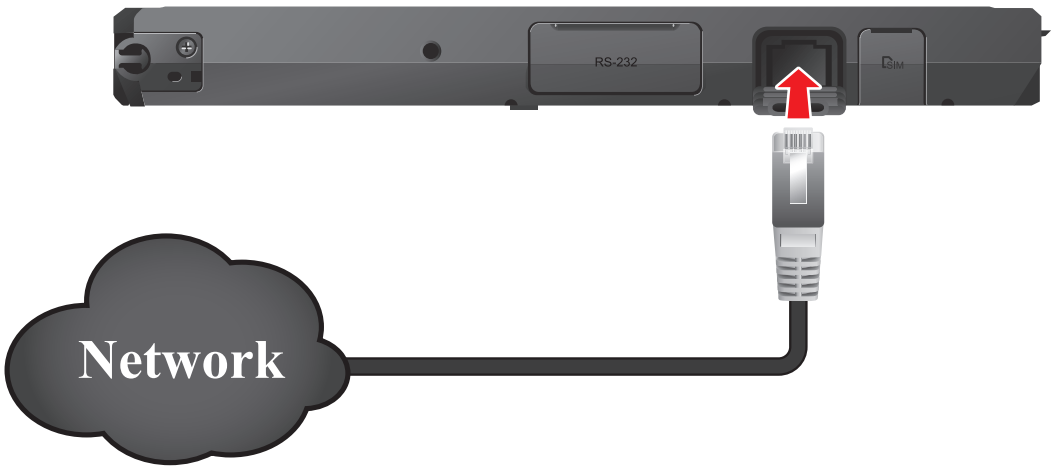
3. Slide the battery latches inward to the "**close**" position (A).
4. For a more secured installation, slide the battery locks to the lock (🔒) position (B).

Connecting to Network

The Tablet Computer can connect to a local area network or the Internet via wired or wireless connection (see “Using Wireless LAN” on page 2-7).

To connect the Tablet Computer via wired connection, perform the steps below:

1. On the right side of the Tablet Computer, open the network port cover.
2. Connect one end of an Ethernet cable to the Ethernet port of the Tablet Computer.
3. Connect the other end to a wall socket or a network hub.



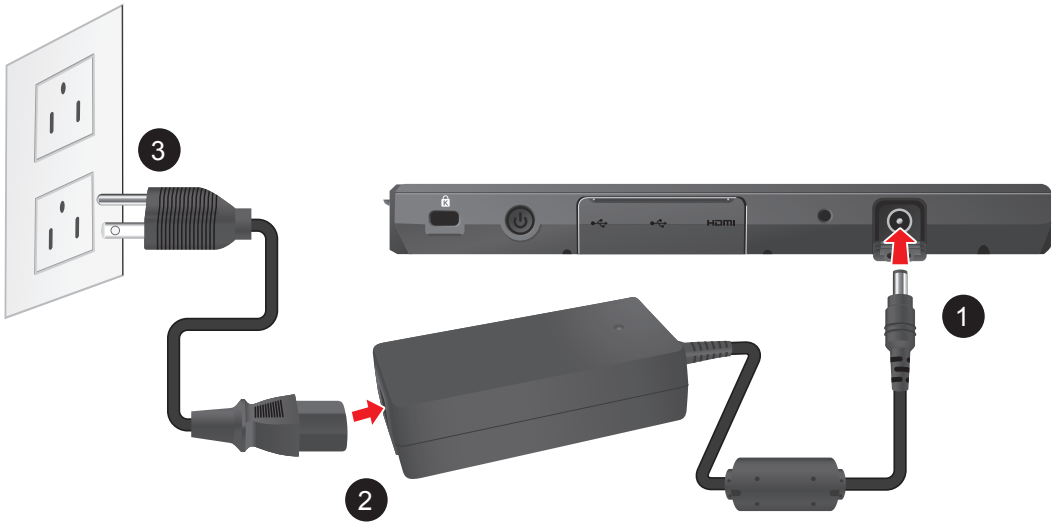
Connecting to AC Power

The Tablet Computer operates either on the external AC power or internal battery power. It is recommended to use AC power when you start up the Tablet Computer for the first time.

> **CAUTION:** Use only the AC adapter included with your Tablet Computer. Using other AC adapters may damage the Tablet Computer.

Perform the following to connect the Tablet Computer to AC power:

1. On the left side of the Tablet Computer, open the power connector cover.
2. With the battery pack installed, plug the DC cord of the AC adapter into the power connector of the Tablet Computer.
3. Plug the female end of the AC power cord into the AC adapter.
4. Then plug the male end of the AC power cord into an electrical outlet.



When the AC adapter is connected, the battery pack is charging. The battery LED indicator (▭) shows shows three different states:

- **Blinking green**: Battery is charging
- **Solid greeen**: Battery is fully charged.
- **Blinking red**: Battery power is low.

CAUTION:

- When you disconnect the AC adapter, disconnect from the electrical outlet first and then from the Tablet Computer. A reverse procedure may damage the AC adapter or the Tablet Computer.
- When unplugging the connector, always hold the plug head. Never pull on the cord.

Turning the Tablet Computer On and Off

Turning On

1. Make sure that the Tablet Computer is either connected to TouAC power or the battery pack is charged.
2. Press the power button (⏻). Notice the screen remains blank for 8 ~ 10 seconds but the power LED lights up.

The power LED indicator (💡) shows two different states:

- **Solid green**: Tablet computer is turned on
- **Blinking green**: Tablet computer is in sleep mode.
- **Off**: Tablet computer is turned off.

Turning Off

To turn off the Tablet Computer, use the "**Shut Down**" command of your operating system.

> **CAUTION:** Wait for at least five seconds after turning off the Tablet Computer before turning it back on.

When you finish a working session, you can stop the Tablet Computer by shutting it down or leaving the Tablet Computer in Sleep or Hibernation mode:

To stop in this mode...	Do this...
Off	Use the Windows Start Menu and follow the shut down procedure.
	You can force the Tablet Computer to turn off by pressing and holding the power button (⏻) for more than 6 seconds. This is not the recommended method, but may be necessary if the system is locked up.
Hybrid Sleep	Short press the power button (⏻) or use the Windows Start Menu to put the Tablet Computer in Hybrid Sleep mode.
Hibernation	Use the Windows Start Menu to put the Tablet Computer in hibernation mode.

Press the power button (⏻) to resume or turn on the Tablet Computer from any of these modes. See "Power Management" on page 4-6 for more information.

> **NOTE:** By configuring the BIOS Setup Utility, you can have the Tablet Computer automatically start up or resume when the external AC power is plugged in. See "BIOS Setup" on page 6-2 for more information.

CHAPTER 2

Operating Your Tablet Computer

This chapter provides information about the use of the Tablet Computer and describes the operating basics of these components and features:

- Touch Screen
- Input Panel
- Panel Keys
- Wireless LAN Features
- Bluetooth Features
- 3G Network Features
- GPS Features
- Camera
- Barcode Reader
- Fingerprint Reader
- DAP Control Center

Using the Touch Screen

The touch screen is a touch-sensitive device that allows you to control and make selections on the Tablet Computer by controlling the location of the pointer on the screen.

> **CAUTION:** Do not use sharp or pointed objects on the touch screen. These objects may scratch the screen. Use only the spring-tip end of the stylus or the tip of your finger.

Here are some common terms that you should know when using the touch screen.

Term	Action
Tap	Tap gently on the touch screen to select or open an item. Tapping is the same as clicking the left mouse button of a PC.
Double-tap	Rapidly tap twice on the touch screen. This action is similar to double-clicking the left mouse button of a PC.
Tap and hold	Tap and hold the stylus lightly on the display. A big circle appears to indicate that a pop-up menu will soon appear. Lift up the stylus and a pop-up menu appears. Select the desired function. This action is similar to a right mouse click on a PC.
Drag	Hold the stylus on the screen and drag across the screen to select text and images or move icons to a new location.

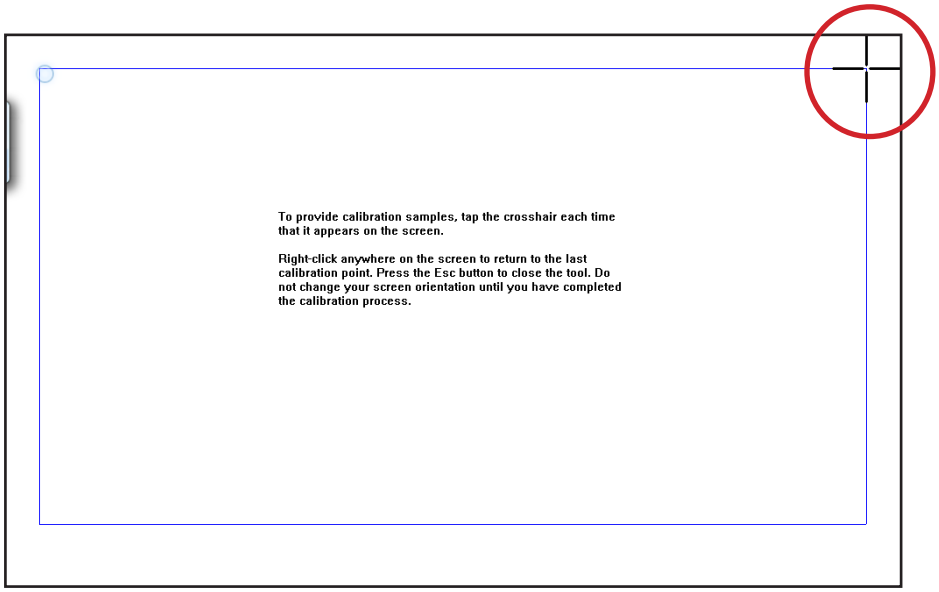
For a more customized stylus settings, go to **Start** > **Control Panel** > **Pen and Touch**.

Calibrating the Screen

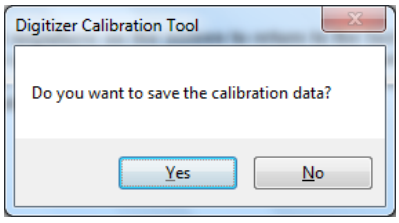
When there is a noticeable discrepancy in the placement of the stylus on the screen and the indicated position of the onscreen pointer, recalibrate the screen.

Perform the following to calibrate the screen:

1. Tap **Start** > **Control Panel** > **Tablet PC Settings**.
2. On the **Display** tab, tap **Calibrate**.
3. Tap the cross-hair with the stylus as it moves around the screen.


To provide calibration samples, tap the crosshair each time that it appears on the screen.
Right-click anywhere on the screen to return to the last calibration point. Press the Esc button to close the tool. Do not change your screen orientation until you have completed the calibration process.

4. When calibration is complete, tap **Yes** to close the calibration utility screen.



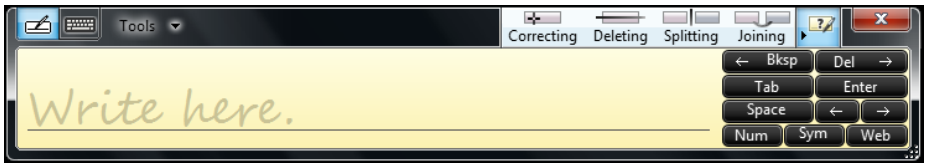
Using the Input Panel

The Tablet Computer Input Panel is a virtual keyboard that allows you to enter text and perform various keyboard functions.

There are two types of Input Panels for you to use:

- **Touch Keyboard**
  Allows you to enter text by tapping the keys with the stylus, like pressing the keys on a standard keyboard.

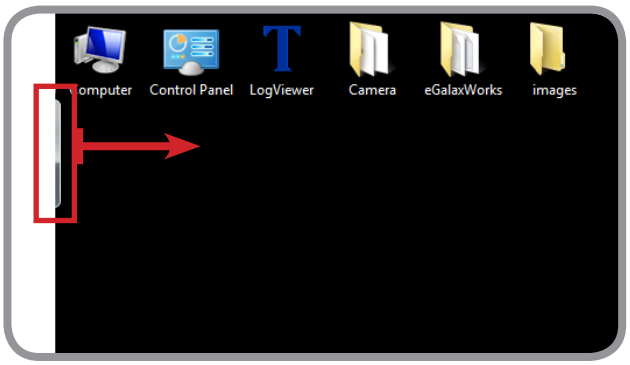
- **Writing Pad**
  Allows you to write on the writing pad, like writing on a piece of paper. Your handwriting will be converted into typed text.



Opening the Input Panel

To open the Input Panel

From the left side of the screen, drag the edge of the Input Panel towards the center.



To switch between keyboards

To switch between the Touch Keyboard and the Writing Pad, tap or at the upper left corner of the Input Panel.

Managing the Input Panel

To change the Input Panel size

To increase the size of the Input Panel, select the lower right corner of the Input Panel and drag.

To position the Input Panel

The Input Panel floats on top of the screen by default. To move the Input Panel to an area on the screen, place the stylus on the title bar and drag the Input Panel to a new location on the screen.

To dock the Input Panel

You can dock the Input Panel to so that it is anchored at the top or the bottom of the screen. On the Input Panel, tap **Tools** > **Docking**, and tap **Dock at top of screen** or **Dock at bottom of screen**.

> **NOTE:** For more information on using the Input Panel, see Windows' online help.

Using the Panel Keys

The Panel Keys provide shortcuts for you to utilize the functions of your Tablet Computer, such as adjusting the brightness setting or volume, and others.

Adjusting Volume

Peform the following to adjust the volume of your Tablet Computer:

- To increase volume, press ▲ or ► repeatedly.
- To decrease volume, press ▼ or ◄ repeatedly.

Adjusting Screen Brightness

Peform the following to adjust the screen brightness of your Tablet Computer:

- To increase brightness, press ▲ or ► repeatedly.
- To decrease brightness, press ▼ or ◄ repeatedly.

Using Wireless LAN

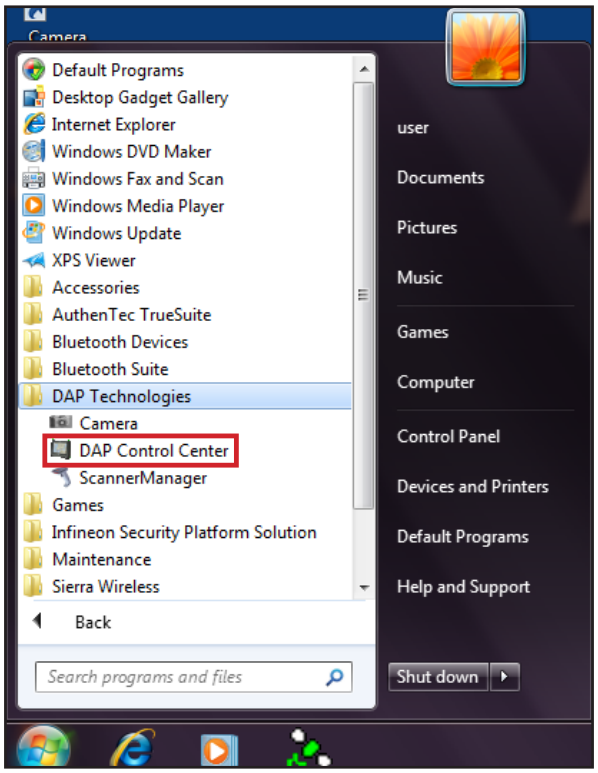
Your Tablet Computer has a built-in wireless antenna which automatically detects wireless networks that are within range.

It takes approximately 30 seconds for your Tablet Computer to make a successful wireless connection and approximately 10 seconds to disconnect.

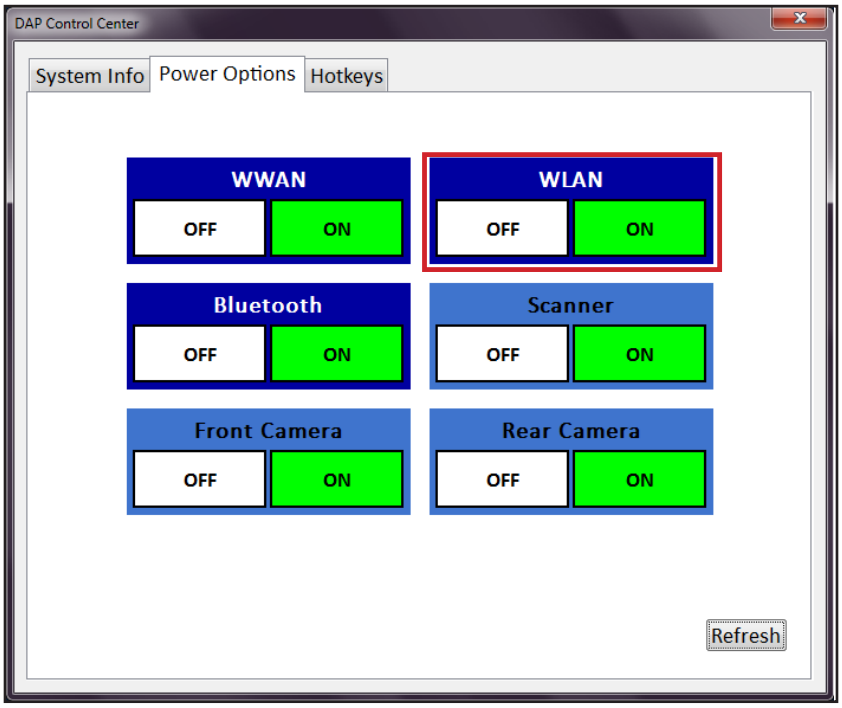
Turning the Wireless Antenna On and Off

By default, the wireless antenna is turned on. In case you need to turn the wireless antenna on or off, perform the following:

1. Tap **Start** > **All Programs** > **Tap Technology** > **DAP Control Center**.



2. Tap **Power Options** tab.

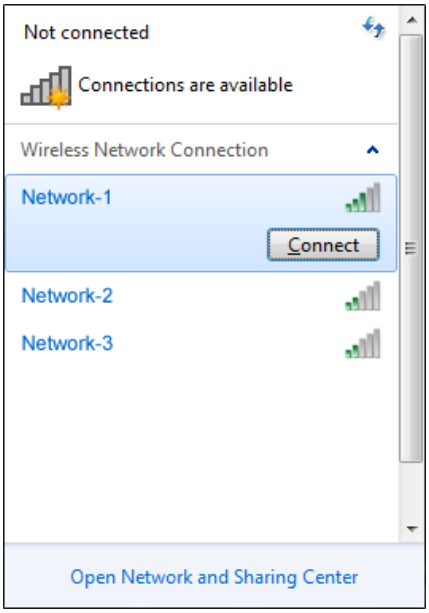


3. To turn the wireless antenna on or off, tap **ON** or **OFF**.

Connecting to a Wireless Network

Perform the following to connect to a wireless network:

1. Make sure that the wireless antenna is “on” (The Wifi LED indicator in solid green and the Wireless network icon on the taskbar shows).
2. Tap the Wireless Network icon ( ) on the taskbar.
3. In the list of available networks, tap a network.



4. Tap **Connect**.
5. If the network requires authentication, enter the security key or passphrase.

> **NOTE:**
> - Once you are connected to a wireless network, Windows saves the network profile and will automatically connect to that network when it is in range.
> - For more information on connecting to a wireless network, see Window’s online help.

Using Bluetooth

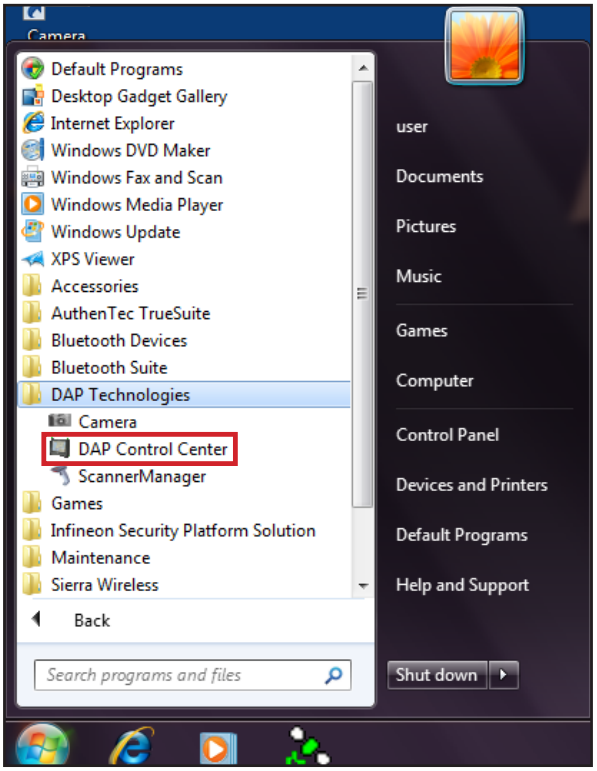
Your Tablet Computer has integrated Bluetooth capability for short-range wireless communication between Bluetooth-enabled devices.

By default, the Bluetooth feature is enabled as indicated by the Bluetooth icon ( ) on the taskbar; but your Tablet Computer is not visible to other devices. To make your Tablet Computer visible, check the **Discovery** box in Bluetooth settings (see “Configuring Bluetooth Settings” on page 2-14).

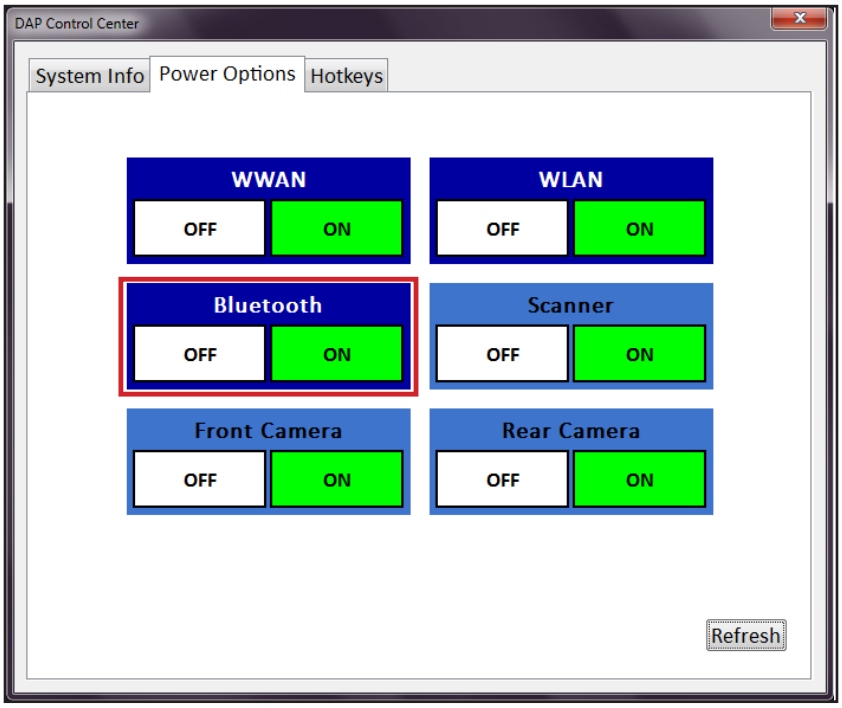
Turning the Bluetooth Adapter On and Off

In case you need to turn the Bluetooth adapter on or off, perform the following:

1. Tap **Start** > **All Programs** > **Tap Technology** > **DAP Control Center**.



2. Tap **Power Options** tab.



3. To turn the Bluetooth feature on or off, tap **ON** or **OFF**.

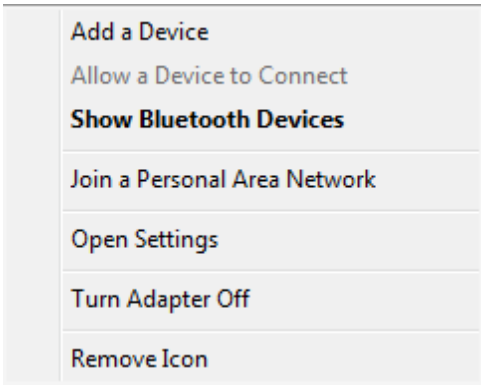
Pairing with Bluetooth Devices

Before you can pair with Bluetooth devices for the first time, you need to add and save the device profile to your Tablet Computer.

To add and pair a Bluetooth device

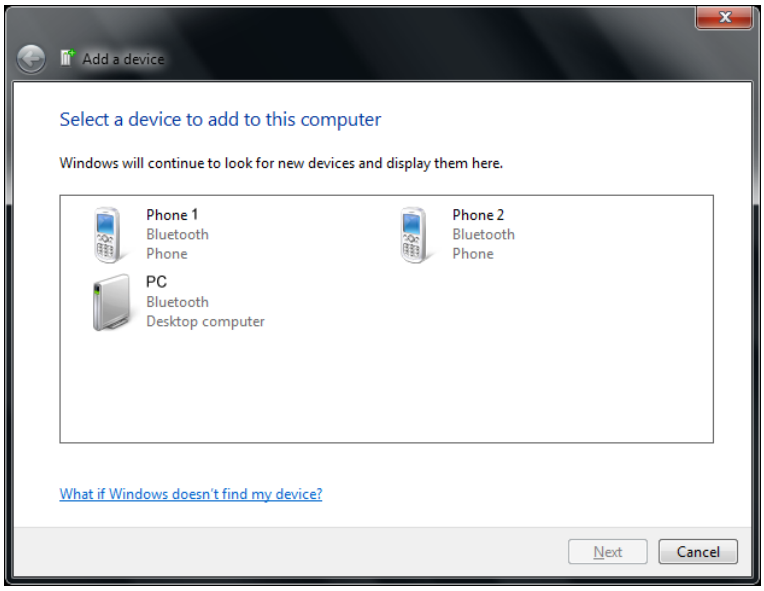
Perform the following to pair your Tablet Compuer with Bluetooth devices:

1. Make sure the Bluetooth adapter is on as indicated by the Bluetooth icon ( ) on the taskbar.
2. Tap the Bluetooth icon ( ) to display a pop up menu.

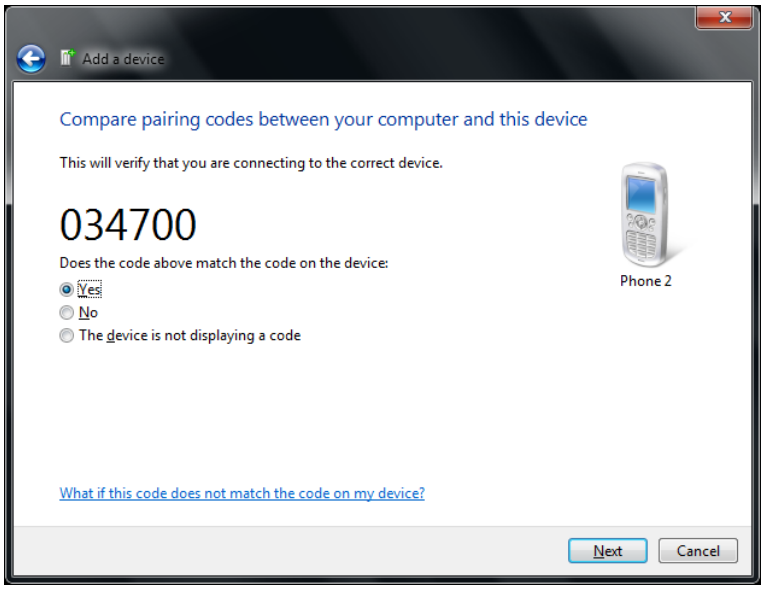


3. Tap **Add a Device**. The Tablet Computer will scan for Bluetooth devices within range.

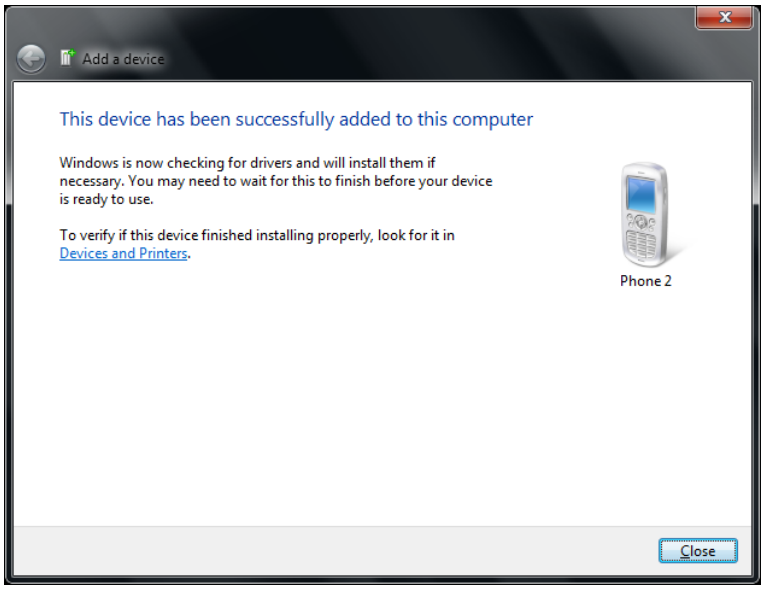
4. Tap the device you want to pair with, then tap **Next**.



5. Depending on the device you are pairing, you may be prompted to enter or verify the pairing code. The pairing code entered or shown on your Tablet Computer and the Bluetooth device must be the same. Click **Next** to continue.


Add a device
Compare pairing codes between your computer and this device
This will verify that you are connecting to the correct device.
034700
Does the code above match the code on the device:
Yes
No
The device is not displaying a code
Phone 2
What if this code does not match the code on my device?
Next
Cancel

6. Windows will check for the device driver and install, if necessary. Tap **Close** to close the screen.


Add a device
This device has been successfully added to this computer
Windows is now checking for drivers and will install them if necessary. You may need to wait for this to finish before your device is ready to use.
To verify if this device finished installing properly, look for it in Devices and Printers.
Phone 2
Close

Depending on the paired Bluetooth device, you may use your Tablet Computer speakers to listen to music played from the Bluetooth device, transfer files, and more.

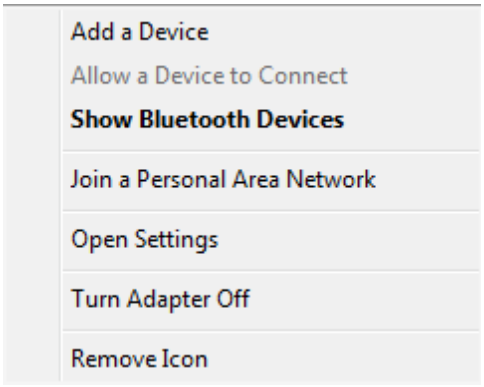
> **NOTE:** For more information on using Bluetooth features, see Windows online help.

To reconnect to a Bluetooth device

Once a Bluetooth device has been paired with your Tablet Computer, you do not need to enter or verify the pairing code as you did the first time.

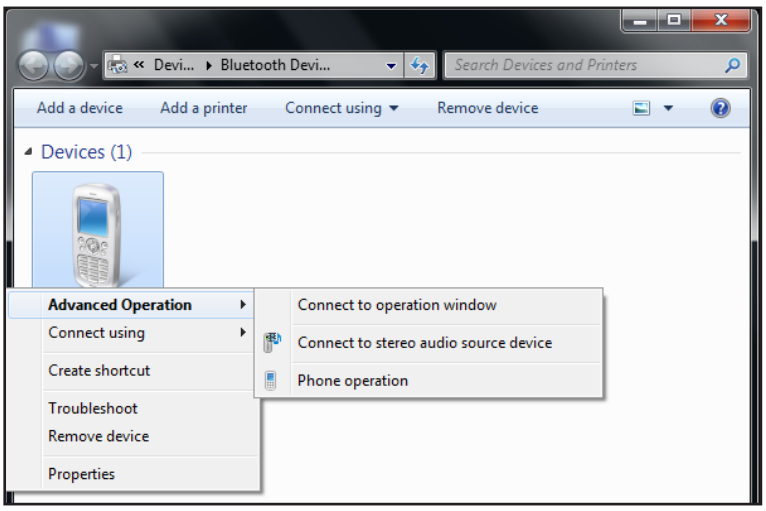
To reconnect to a Bluetooth device, perform the following:

1. Make sure the Bluetooth adapter is on as indicated by the Bluetooth icon ( ) on the taskbar.
2. Tap the Bluetooth icon ( ) to display a pop up menu.

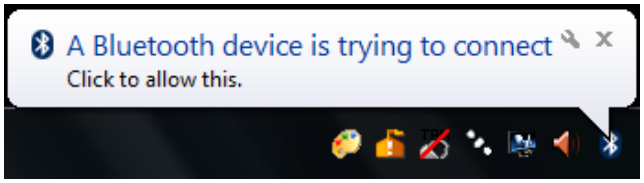


3. Tap **Show Bluetooth Devices**.

4. Tap and hold the Bluetooth device to display the pop up menu.
5. Tap **Advance Operation**, then tap the applicable connection operation.



When a Bluetooth device wants to pair with your Tablet Computer, a pop up message appears on the taskbar, tap the message to pair with the device.



Configuring Bluetooth Settings

The Bluetooth Settings allows you to configure how you want to connect to Bluetooth devices, sync data, and other options. To access the settings, tap and hold the Bluetooth icon ( ) on the taskbar, and tap **Open Settings**.

Using 3G Network

Your Tablet Computer has 3G network capabilities that provide wireless connection to the Internet using a SIM card with data subscription.

Connecting to 3G Network

Your Tablet Computer comes with Sierra Wireless AirCard® Watcher, an application that allows you to connect to the Internet using your SIM card and keeps you informed of your wireless connection status. Perform the following to connect to your 3G network:

1. Install a SIM card to your Tablet Computer (see “Installing the SIM Card” on page 1-13).
2. Open the AirCard® Watcher application (tap **Start** > **All Programs** > **Sierra Wireless** > **AirCard Watcher**).

   The application detects the SIM card and displays network information on the AirCard® Watcher main screen.

> **TIP:** To open AirCard® Watcher faster, create a desktop shortcut icon. Alternatively, you can set AirCard® Watcher to open and connect automatically with your 3G network (see “To configure 3G network profiles” on page 2-19).

3. Tap **Connect** to connect to the 3G network.

   Once connected, the AirCard® Watcher main screen displays the network connection information, such as signal strength, connection speed, and bitrate transfer. For more information on using the application, see “Using AirCard® Watcher” on page 2-16.

Using AirCard® Watcher

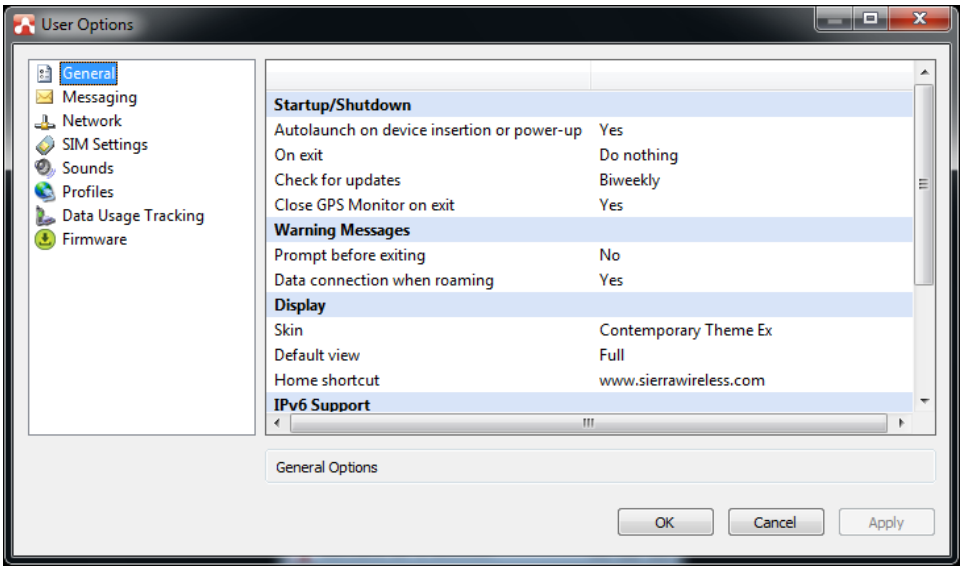
The AirCard® Watcher main screen

No.	Item	Description
1	3G On/Off	• **Green**: 3G network is on. • **Red**: 3G network is off.
	Signal Strength	• **Green**: Indicate the network signal strength. More lit bars indicate stronger signal. • **Red**: No signal.
	Network Type	Indicates the network connection type.
2	Toolbar	Tap an icon to access the function.
	Wireless Profile	Tap to view and modify wireless network profile.
	SMS	Tap to open **SMS Express** to send and receive SMS messages on your Tablet Computer. **NOTE:** Your data plan subscription must support this feature to be able to send and receive SMS messages on your Tablet Computer.
	History	Tap to view the usage history and clear the bitrate counters.
	Airplane Mode	Tap to enable airplane mode. When this feature is enabled, the icon turns red. Tap the icon again or tap **Turn Radio On** to disable airplane mode.

No.	Item	Description
2	AirCard GPS	Tap to open AirCard GPS Monitor.
	Settings	Tap to access the AirCard® Watcher settings. See “Configuring AirCard® Watcher Settings” on page 2-18.
	Help	Tap to view the help file.
3	Network Name	Displays the name of the SIM card network provider.
4	Data Transfer Rate	Displays the upstream and downstream transfer information.
5	Home	Tap to open the Sierra Wireless website.
6	Speed Graph	Tap to display a graphical table of the data transfer speed.
7	Menu	Tap to access the application menu.
	Minimize	Tap to minimize the application to the system tray.
	Restore	Tap to toggle the display between full view and compact view.
	Close	
8	Connect / Disconnect Button	Tap to connect or disconnect from the 3G network.
9	Network Info	A graphical display of the network connection type.
10	Speed	Indicates the network connection speed.
11	Customer Support	Tap to open Sierra Wireless support website.

Configuring AirCard® Watcher Settings

On the AirCard® Watcher main screen, tap the Settings ( ) icon to display the screen below.



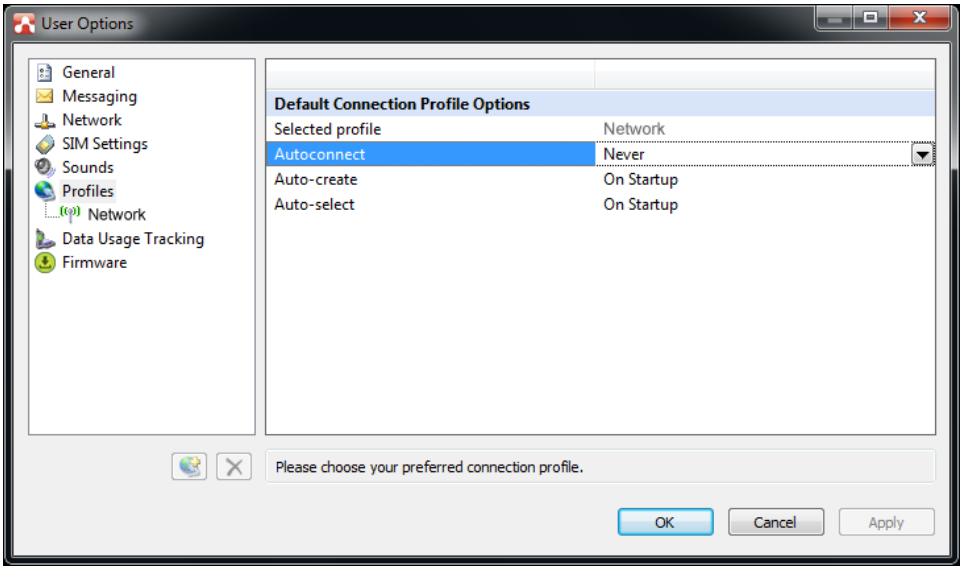
Tap a menu item on the left panel to display the corresponding settings on the right. The following menus are available:

Menu	Description
General	Configures startup/shutdown settings, warning messages, display properties, and others.
Messaging	Configures message settings such as service center number, default storage, and message notification.
Network	Configures network mode and radio technology.
SIM Settings	Enables SIM security settings.
Sounds	Enables sound alert when network is connected, disconnected or when a new message is received.
Profiles	Configures network profiles and auto-connect functions. See “To configure 3G network profiles” on page 2-19.
Data Usage Tracking	Enables data usage tracking and configures data subscription rate plan settings. This feature is useful when you have limited data rate plan to help you monitor and control your Internet usage.
Firmware	Displays firmware information.

To configure 3G network profiles

Once a SIM card is used in your Tablet Computer, its network profile is created. You can view network information, such as profile name, access point name (APN), TCP/IP settings, and more. You can also set AirCard® Watcher to automatically connect to the 3G network at startup.

1. On the AirCard® Watcher main screen, tap the Wireless Profile ( ) icon.



> **NOTE:** Alternatively, you can also access the Profiles menu, by tapping , and then **Profiles** on the left panel.

2. On the **Profiles** menu, the following items are displayed:
   - **Selected profile**: Displays the name of your 3G network.
   - **Autoconnect**: Tap the field and then select one of the following:
     - Never: Do not auto-connect to network.
     - While not roaming: Automatically connects to network while within the local network coverage.
     - Always (even when roaming): Automatically connects to network even when roaming outside the local network coverage.

       > **NOTE:** Connecting to your network while roaming may incur additional charges. Check with your service provider for details.

   - **Auto-create**: Tap to automatically create a connection profile when using a new SIM card.
   - **Auto-select**: Tap to automatically select the best connection profile for the current SIM.
3. Tap **Apply** to save the settings.
4. To view the SIM card information, tap the network name on the left panel.
5. Tap **OK** to close the screen.

Using GPS

Your Tablet Computer has a GPS (Global Positioning System) receiver module built in and includes the **u-blox GPS Location Sensors** software.

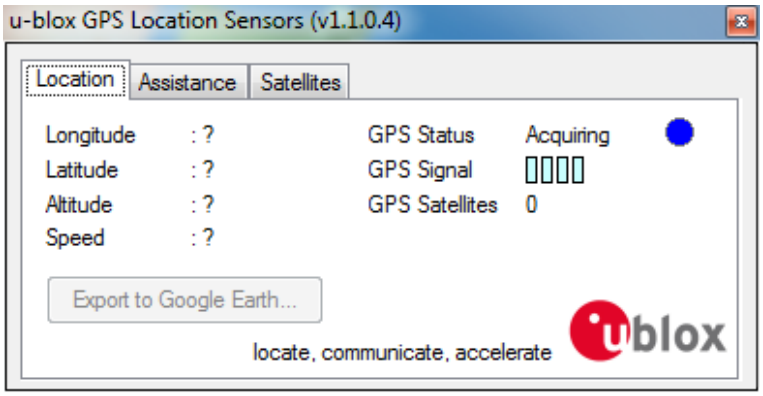
u-blox GPS Location Sensors is an application that allows you to manage the following:

- Location
- Assistance
- Satellites

To open **u-blox GPS Location Sensors**, tap **Start** > **All Programs** > **u-blox** > **u-tray** > **u-tray 1.1.0.4**

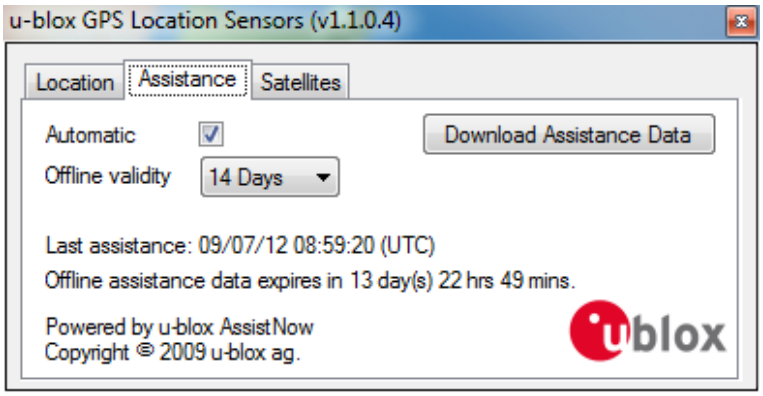
Location

The Location tab provides an overview your location and system status.



Assistance

The Assistance tab allows you to set the schedule and download assistance data.



- To download update manually, tap **Download Assistance Data**.
- To set automatic download, check the **Automatic** box and select the frequency of automatic download in **Offline validity**.

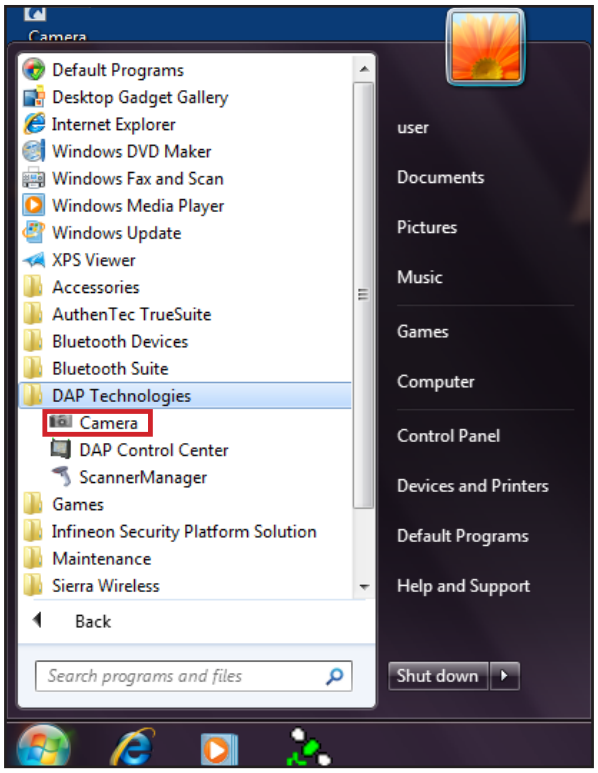
Using the Camera

Your Tablet Computer has a built-in camera for taking photos.

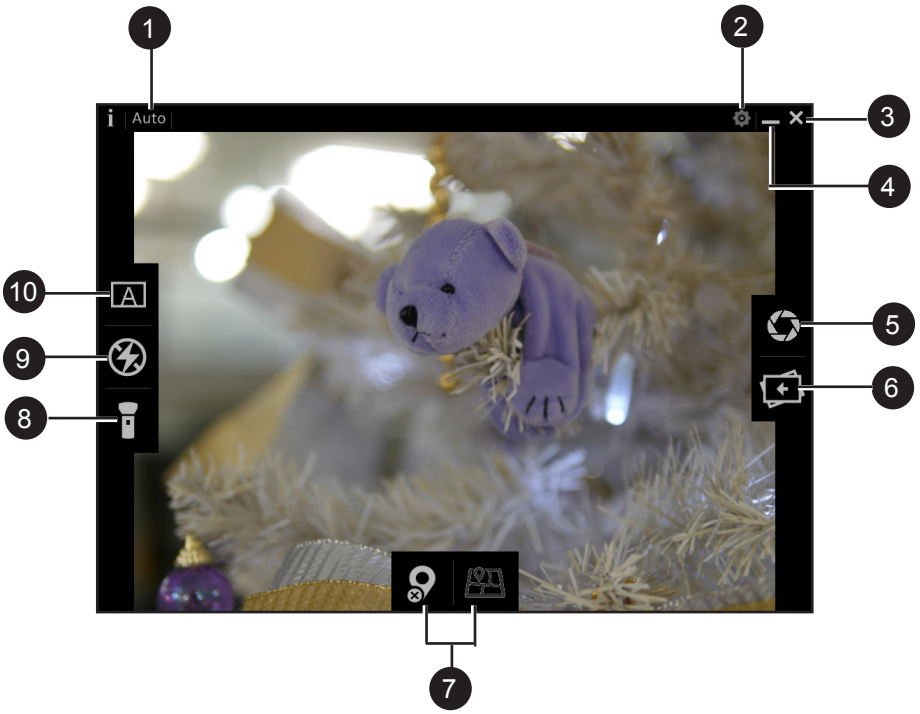
Opening the Camera

Perform the following to open the camera:

Tap **Start** > **All Programs** > **All Programs** > **DAP Technologies** > **Camera**.



The Camera Screen



No.	Item	Description
1	Auto / Landscape / Macro	Shows the current shooting mode (by default **Auto**).
2	Settings	Tap to view the camera settings. See “Camera Settings” on page <OV>.
3	Minimize	Tap to minimize the camera screen.
4	Exit	Tap to close the camera screen.
5	Shutter	Tap to capture a photo.
6	Open the Photo	Tap to open the captured photo.
7	/ Positioning	Tap to add/remove the GPS-based location information on the photo (by default disabled).
8	/ Flashlight	Tap to activate/deactivate the flashlight function (by default deactivated).
9	/ Flash	Tap to enable/disable flash (by default disabled).

No.	Item	Description
10	/ / Shooting Mode	Tap to select the shooting mode among the following options: • Auto **Automatic Mode**: The shooting mode is selected automatically. • Landscape **Landscape Mode**: Select this mode if you wish to capture subjects from different distances from the camera, for example in the nature. • Macro **Macro Mode**: Select this mode if you want to capture a close up image of your subject.

Shooting Photos

1. Open the camera (see “Opening the Camera” on page 2-22).
2. Focus on your subject.
3. Tap to capture the photo.
4. By default, the photo preview is briefly shown on the screen.

The preview screen automatically closes after 3 seconds. Do one of the following:

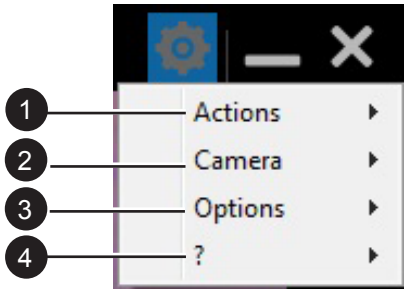
- Tap to capture the next image.
- Tap to edit the image in Windows Photo Viewer.
- Tap to close the camera screen.

NOTE:

By default the system automatically creates a folder with the current date to the logged in user's Pictures folder, and saves the images into that folder. For example, C:\Users\My Name-PC\Pictures\2013-12-16.

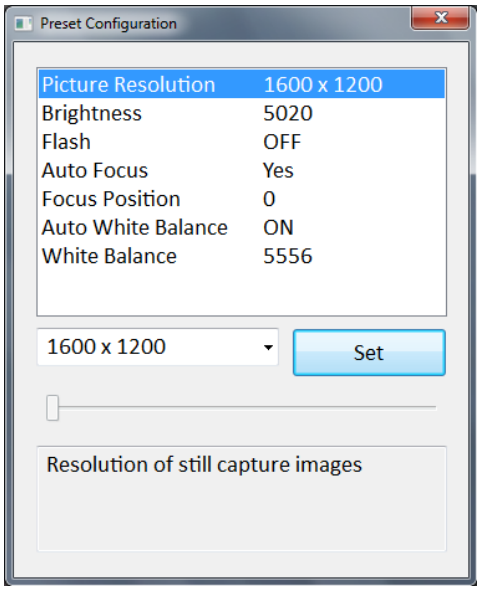
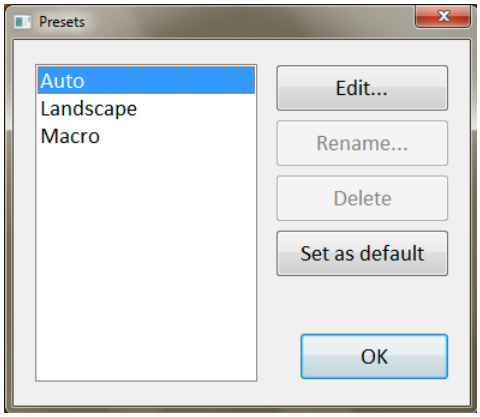
Camera Settings

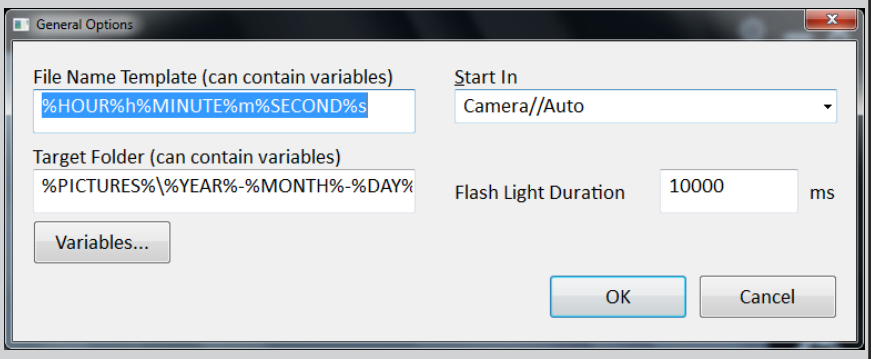
1. Tap to open the settings pop-up menu.

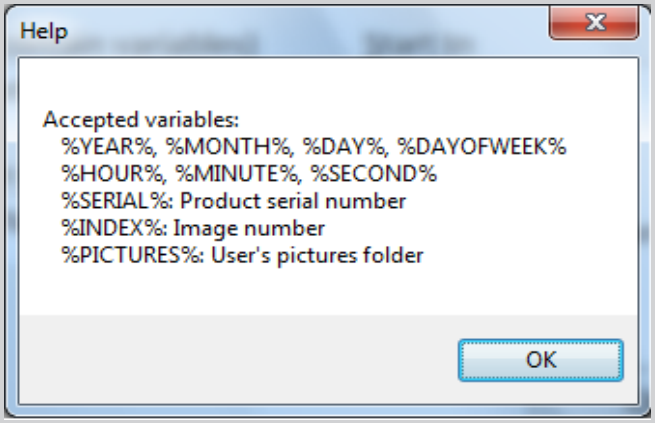


2. Modify the necessary settings.

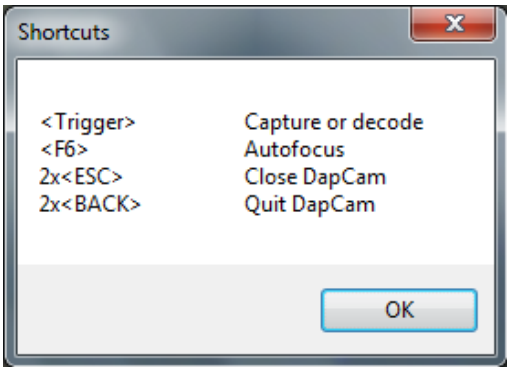
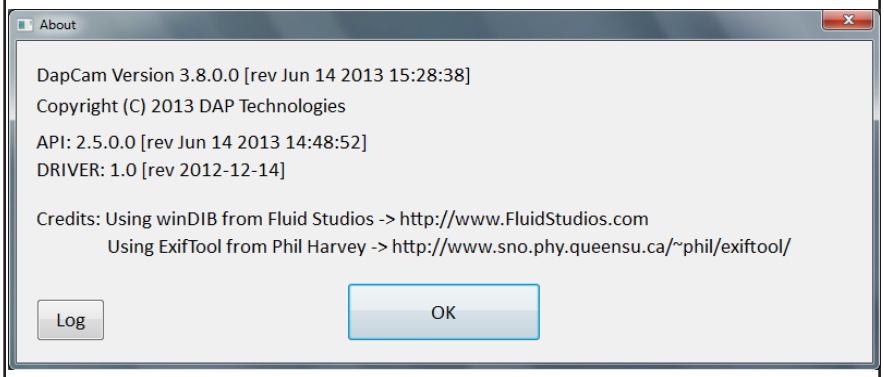
No.	Item	Description
1	Actions	• **Capture**: Tap to capture an image. • **Show Image Folder**: Tap to open the image folder.

No.	Item	Description
2	Camera	• **Advanced Settings...**: Tap to open the Preset Configuration page. On this page you can modify the default picture resolution, brightness, flash, auto focus, focus position, auto white balance and white balance of the camera. Tap on the parameter and select the desired value. After all modifications are done, tap **Set** to save changes. Tap to close the page. 
		• **Edit Presets...**: Tap to open the Presets page. On this page you can configure the default parameters of **Auto**, **Landscape**, and **Macro** shooting modes. Tap on the mode and then tap **Edit...**. You can also set the mode as a default mode, by selecting a mode and clicking on **Set as Default**. Tap **OK** to save changes and exit the page. 

<table>
<tr><th>No.</th><th>Item</th><th>Description</th></tr>
<tr><td rowspan="3">3</td><td rowspan="3">Options</td><td>
• General...: Tap to open the General Options page. On this page you can define the file name template, target image folder location, start in mode and flash light duration. When all modifications are done, tap OK.


</td></tr>
<tr><td>
Please be noted that you can use variables, to automate the image naming and image folder location and naming. For example, instead of manually creating a new folder every time you capture images, with the help of varaibles you can let the system to create an image folder for you with the current date. The corresponding variables are as follows: %PICTURE%\%YEAR%-%MONTH%-%DAY%. The %PICTURE% indicates the location of the image folder in Windows file system,%YEAR%-%MONTH%-%DAY% is the current year-month-day. The “\” is the separator in the folder tree in Windows operating system. As a result of this example, the images are saved into the following folder: C:\Users\My Name-PC\Pictures\2013-12-16.
</td></tr>
<tr><td>
To see the list of supported variables, tap Variables....


Tap OK to return General Options page.
• Export Configuration...: Tap to select the location, where you want to save the configuration parameters. The parameters are saved in XML-format.
</td></tr>
</table>

No.	Item	Description
4	?	• **Shortcuts**: Tap to view the camera-function related shortcuts.  • **About**: Tap to see the camera information page. Tap **Log**, to create a log file or tap **OK**, to return to the camera screen. 

3. When settings are complete, do one of the following:
   - Tap to capture image.
   - Tap to edit the image in Windows Photo Viewer.
   - Tap to close the camera screen.

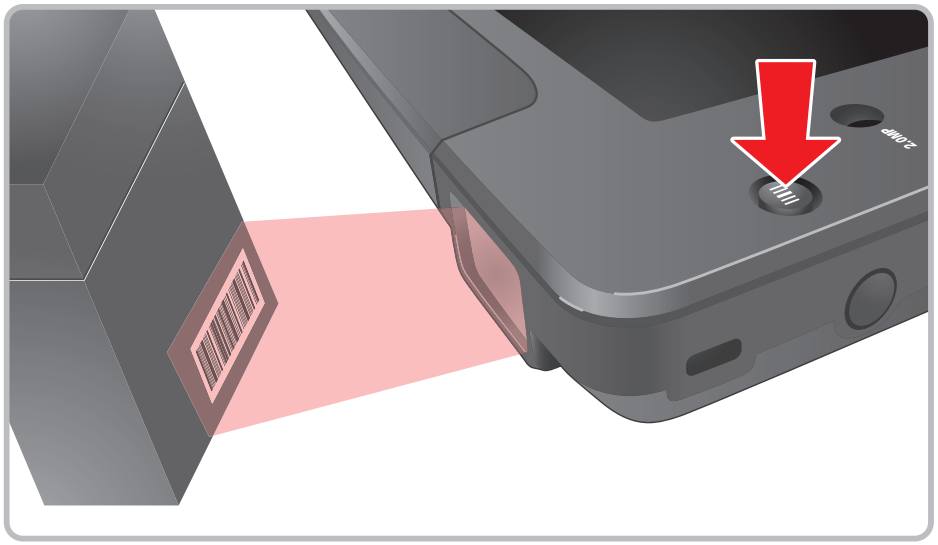
Using the Barcode Reader

Your Tablet Computer has a built-in barcode reader which is a 2D image CMOS type scanner that you can use to scan barcodes.

> **NOTE:**
> - The built-in barcode reader is an optional accessory. Contact your dealer to purchase.
> - Alternatively, you can also use a Bluetooth scanner or connect an external barcode scanner to the RS232 port. See for more information.

Perform the following to scan barcodes using the built-in barcode reader:

1. Press and hold the barcode button (|||||) to active the barcode reader. The barcode reader lights red.
2. Place the barcode label facing the barcode reader. Tablet Computer emits a beep sound when the barcode is read properly.



CAUTION:

- DO NOT aim the barcode scanner into the eyes. Laser beams may severely damage the eyes or may cause blindness if pointed directly into eyes.
- The use of optical instruments with your Tablet may increase eye hazard.

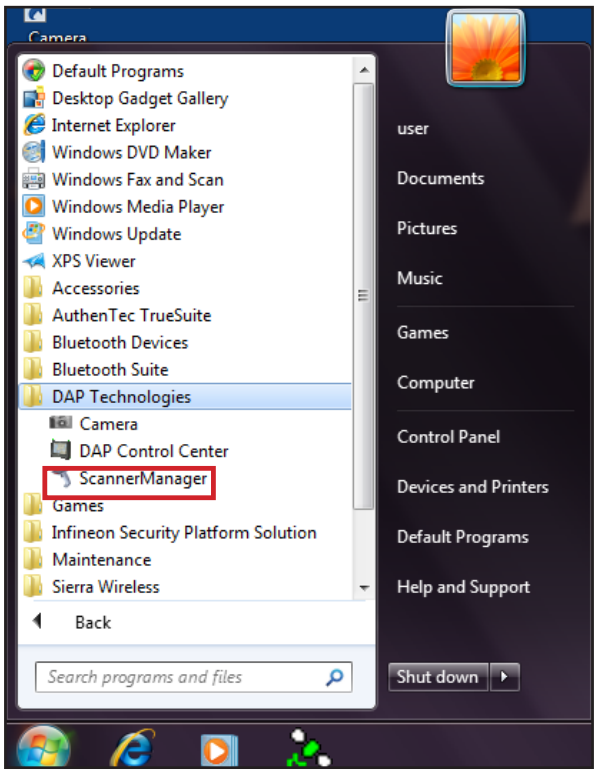
Using ScannerManager

The ScannerManager allows you to see the status and configure the settings of the Internal Scanner, Tethered Scanner, and Bluetooth Scanner.

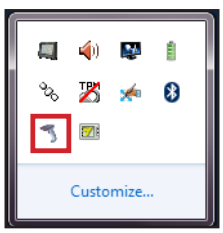
Opening the ScannerManager

Perform one of the following to open the camera:

- Tap **Start** > **All Programs** > **All Programs** > **DAP Technologies** > **ScannerManager**.

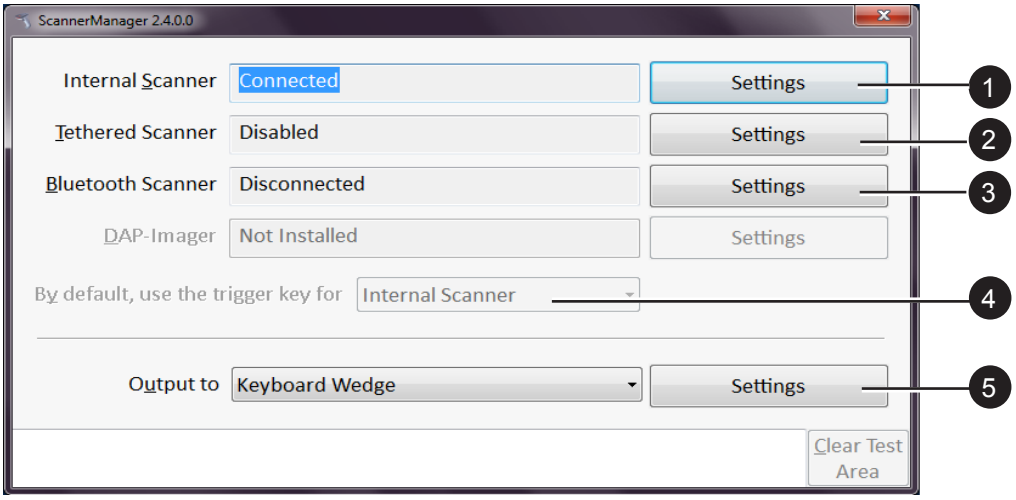


- Press the camera shortcut key ( ) icon on the taskbar.



Using the ScannerManager

1. Open the ScannerManager, see “Opening the ScannerManager” on page 2-30. The settings main page opens on the screen.



No.	Item	Description
1	Internal Scanner	By default the inner scanner is enabled and connected. Tap **Settings**, to modify the decoder properties, import/export parameters, or disable the internal scanner. Tap **OK**, to return to the ScannerManager main page.
2	Tethered Scanner	By default the tethered scanner is disabled. Tap **Settings**, to enable this scanner and do modifications to the serial link connection parameters. Tap **OK**, to return to the ScannerManager main page.
3	Bluetooth Scanner	By default the Bluetooth scanner is disabled. Tap **Settings**, to configure the Bluetooth scanner connection parameters. See “Working With Bluetooth Scanners” on page 2-33. Tap **OK**, to return to the ScannerManager main page.
4	Trigger Options	By default, when you press the barcode button (▌▌▌▌▌), the internal barcode scanner activates. Tap **Trigger Options** if you want to remove or assign the barcode scanner a different shortcut key. Tap **OK**, to return to the ScannerManager main page.

No.	Item	Description
5	Output to	a) Select where to direct the barcode scanning output. The available options are as follows: - Keyboard Wedge - Link*One - SDK. b) Tap **Settings**, to modify the selected output configuration.

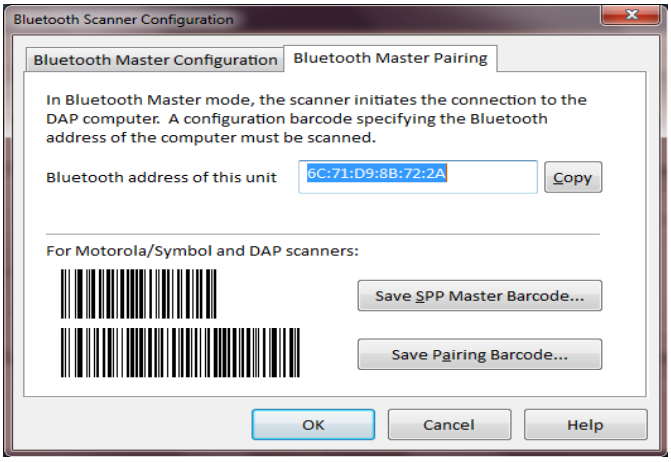
2. When the modifications are done, tap , to close the ScannerManager page.

Working With Bluetooth Scanners

ScannerManager recognizes Bluetooth scanners that are in master mode. This means the scanner initiates the connection. To do that, it must have a way to know which unit to connect to.

Scanner manufacturers explain how to proceed to configure and pair their devices in their documentation. Usually, the user must create a special barcode based on the Bluetooth MAC address of the computer. Once that barcode has been generated, it does not change. It can be fixed on Tablet Computer, and the next time any scanner has to be associated with the unit, an operator simply needs to scan the code and wait the connection to be established automatically.

For DAP and Symbol/Motorola scanners, you can use the Bluetooth Master Pairing tab in the ScannerManager Bluetooth settings as follows:


Bluetooth Scanner Configuration
Bluetooth Master Configuration
Bluetooth Master Pairing
In Bluetooth Master mode, the scanner initiates the connection to the DAP computer. A configuration barcode specifying the Bluetooth address of the computer must be scanned.
Bluetooth address of this unit
6C:71:D9:8B:72:2A
Copy
For Motorola/Symbol and DAP scanners:
Save SPP Master Barcode...
Save Pairing Barcode...
OK
Cancel
Help

Using the Fingerprint Reader

Your Tablet Computer has a built-in fingerprint reader that you can use to scan and authenticate your fingerprints for security purposes. Instead of entering a password, you can simply swipe a finger on the fingerprint reader and log on to Windows. The fingerprint reader also supports other advanced functions and applications that may require fingerprint authentication, such as website logon, quick launch, and stronger identity protection for websites, among others.

> **NOTE:** Applications that may require fingerprint authentication vary and do not come pre-installed on the Tablet Computer.

Using AuthenTec TrueSuite

Before you can use the fingerprint reader, you must enroll your fingerprints using the **AuthenTec TrueSuite** application.

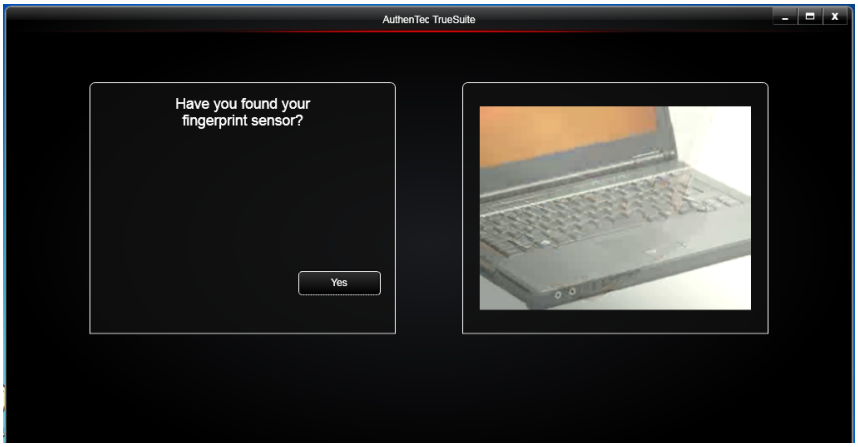
AuthenTec TrueSuite is a biometric software that protects the security of your data through the use of fingerprint authentication. When you enroll your fingerprints, your fingerprints are associated with your user name and password, and stored as a “user identity”.

To open AuthenTec TrueSuite, tap **Start** > **All Programs** > **AuthenTec TrueSuite** > **AuthenTec TrueSuite** or tap on fingerprint reader on front panel.

Setting Up Your Fingerprints

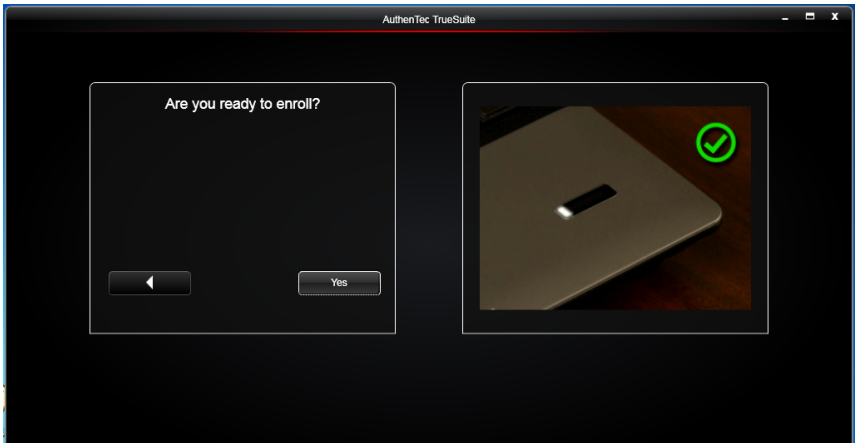
To maximize your Tablet Computer security features, register your fingerprints for authentication.

1. Open the **AuthenTec TrueSuite** application (**Start** > **All Programs** > **AuthenTec TrueSuite** > **AuthenTec TrueSuite**). A screen wizard appears.

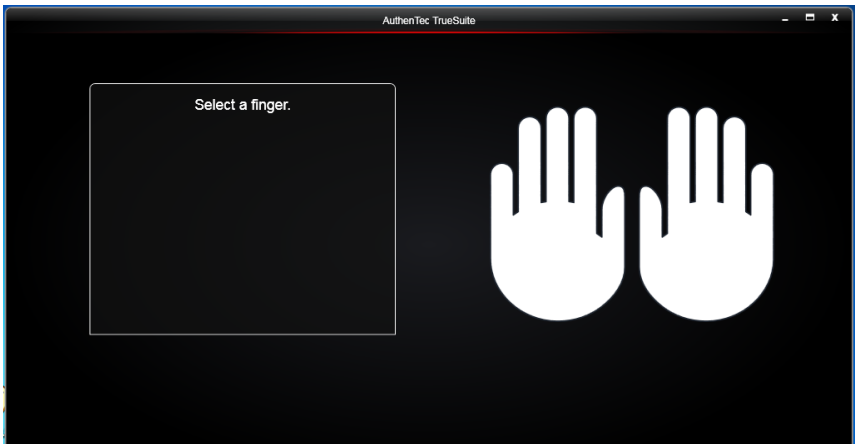


NOTE: The computer images shown on the screen are for reference only and may differ from your Tablet Computer.

2. Locate the fingerprint reader on your Tablet Computer (see “Device Overview” on page 1-3), then tap **Yes**. The screen below appears.

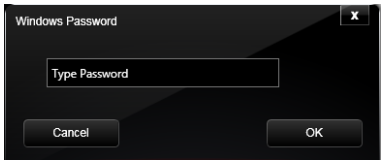


3. Tap **Yes**.
4. When the screen below appears, tap a finger that you want to register.

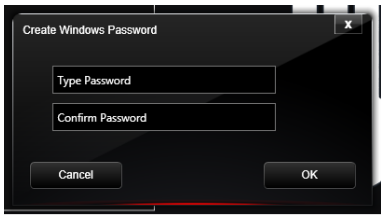


5. The tapped finger is marked by a blue icon.

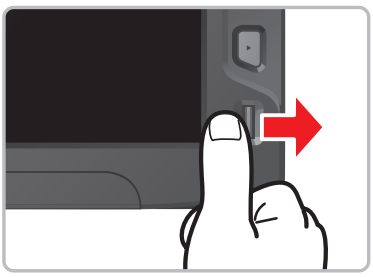
6. When registering your fingerprints for the first time, you will be prompted for a Windows Password. This password will be associated with your fingerprints as your “identity”. Enter a password, and tap **OK**.



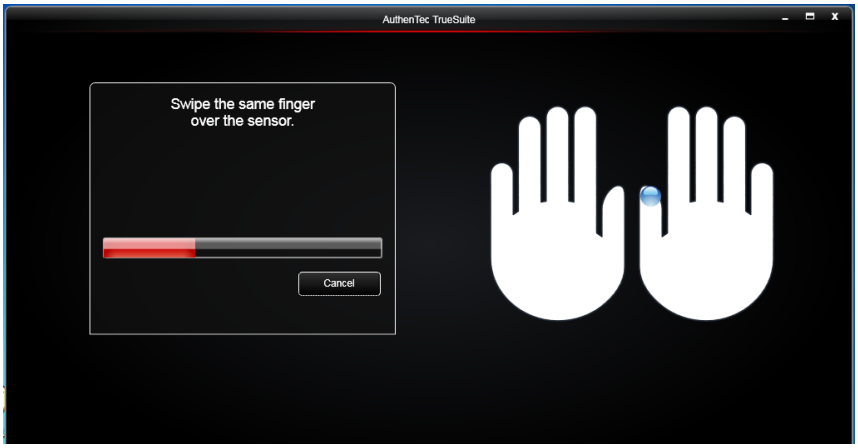
NOTE: If you have not set Windows Password before, you are asked to create a password and confirm it. Enter a password, confirm the password, and tap **OK**.



7. Slowly swipe the marked finger on the fingerprint reader from left to right direction.



The screen below appears. The red bar indicates the scanning process.

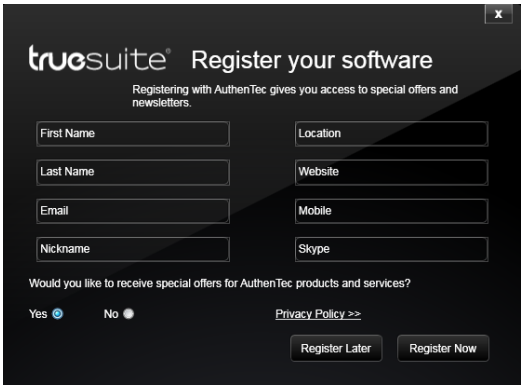


8. Swipe the same finger again.

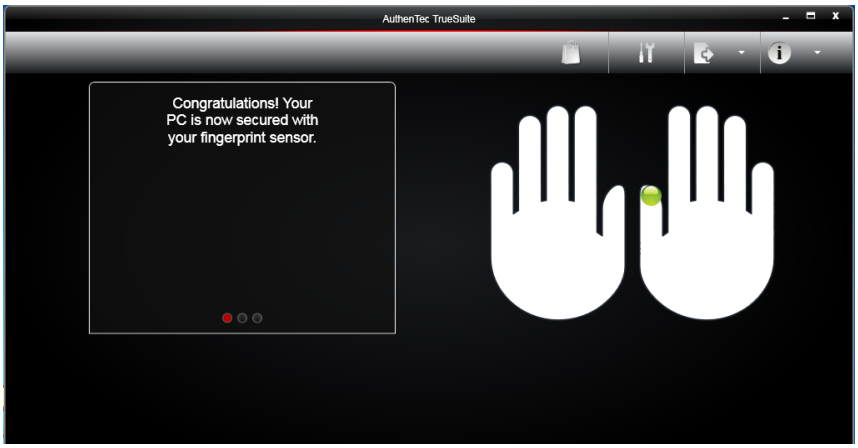
9. Swipe the same finger for the third time. When done, the screen below appears, notice that the blue icon turns green to indicate successful finger enrollment.

10. To register another finger, tap a finger and repeat steps 4 ~ 9. Or, tap to complete the enrollment.

11. The software registration screen appears. Tap **Register Now** if you want to purchase the full version of AuthenTec TrueSuite or tap **Register Later** to continue using the version that came with your Tablet Computer.



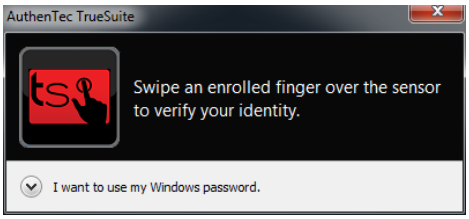
12. When the screen below appears, your fingerprint enrollment is complete.



Removing an Enrolled Fingerprint

Perform the following to remove the authentication of an enrolled fingerprint:

1. Open the **AuthenTec TrueSuite** application (**Start** > **All Programs** > **AuthenTec TrueSuite** > **AuthenTec TrueSuite**).
2. Swipe an enrolled fingerprint on the fingerprint reader.



> **NOTE:** Alternatively, you can also enter the Windows Password by tapping **I want to use my Windows password**.

3. Tap and hold the marked fingerprint that you want to remove.

4. Tap **Delete finger**. The green icon is removed.

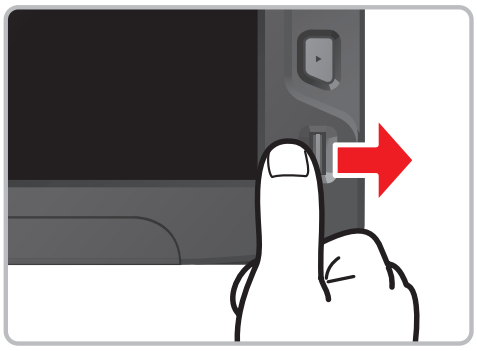
Log On to Windows by Fingerprints

After enrolling your fingerprint, you can use the enrolled finger to log on to Windows.

Perform the following to use fingerprint authentication for Windows log on:

1. If the Tablet Computer has more than one account, tap the Fingerprint profile icon. The screen below appears.

2. Slowly swipe an enrolled finger on the fingerprint reader from left to right direction. If the fingerprint matches, Windows opens.



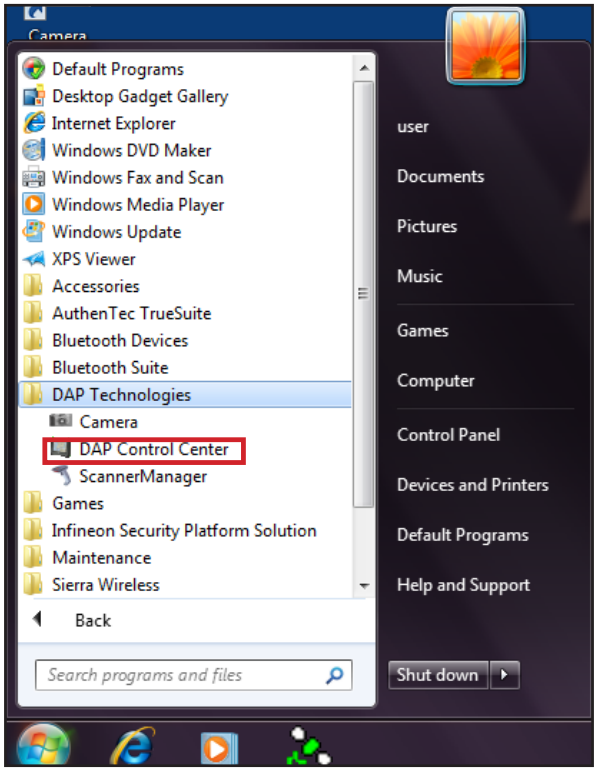
Using the DAP Control Center

Your Tablet Computer has a control center for viewing system information, setting power options and defining hotkeys.

Opening the DAP Control Center

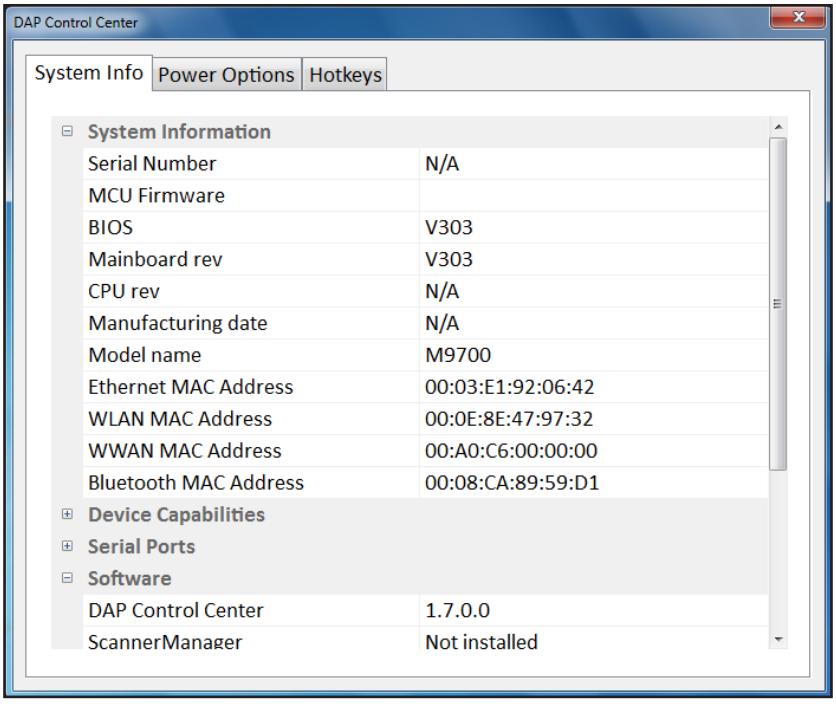
Perform the following to open the DAP Control Center:

Tap **Start** > **All Programs** > **All Programs** > **DAP Technologies** > **DAP Control Center**.



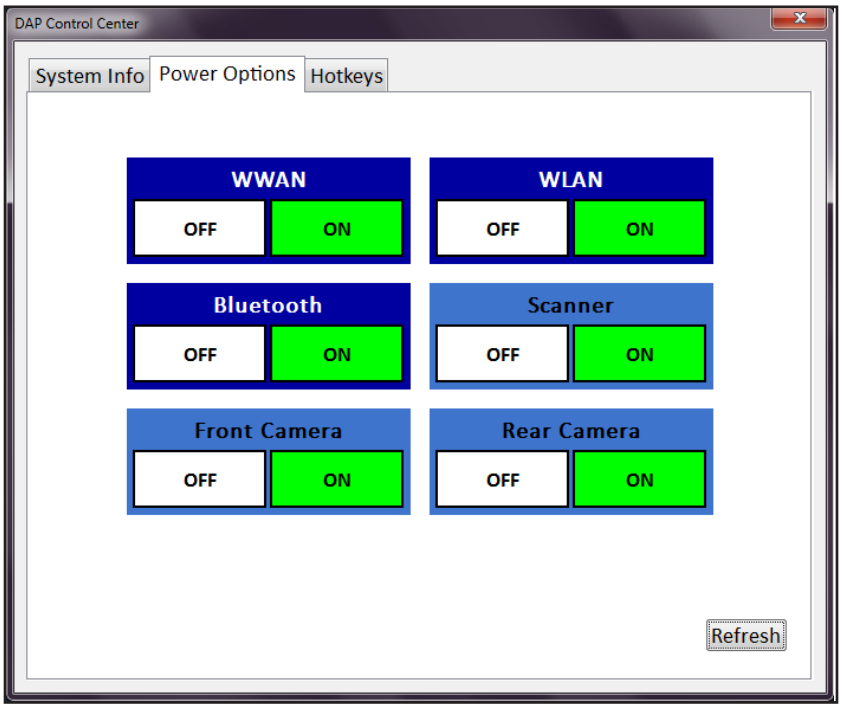
Viewing System Information

To view system information, open the DAP Control Center, see “Opening the DAP Control Center” on page 2-41. The System Info page opens.



Setting Power Options

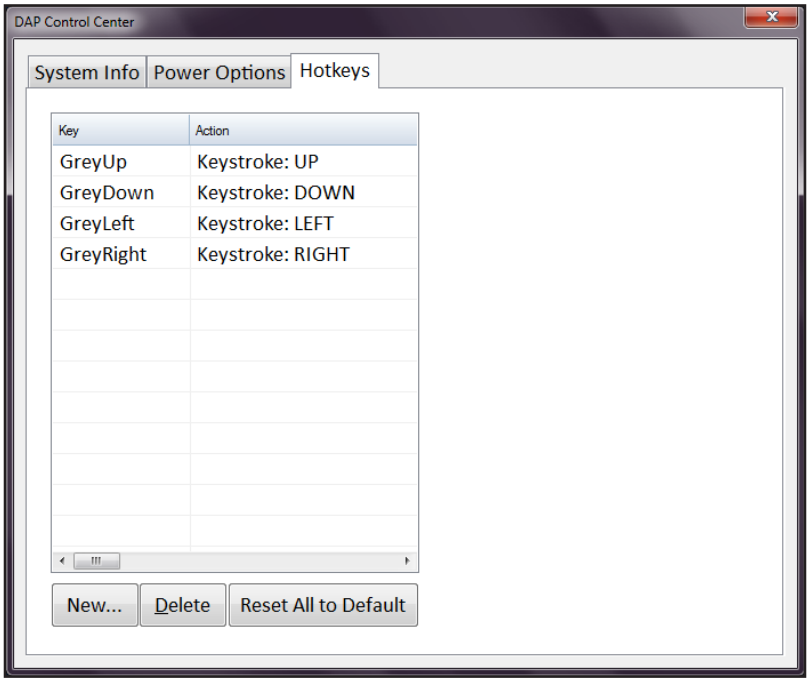
To switch off or on the WWAN, WLAN, Bluetooth, or Rear Camera, open the DAP Control Center (see “Opening the DAP Control Center” on page 2-41), and tap on Power Options tab.



Defining Hotkeys

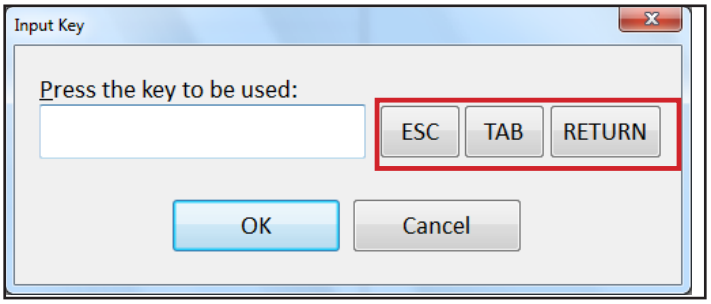
To define hotkeys, do the following:

1. Open the DAP Control Center, see “Opening the DAP Control Center” on page 2-41.
2. Tap on Hotkeys tab. The Hotkeys page opens.



3. Tap **New...** (

). The Input Key window opens.



You can assign a hotkey-function to the following keyboard keys:

- **ESC** (Escape key)
- **TAB** (Tabular key)
- **RETURN** (Enter key).

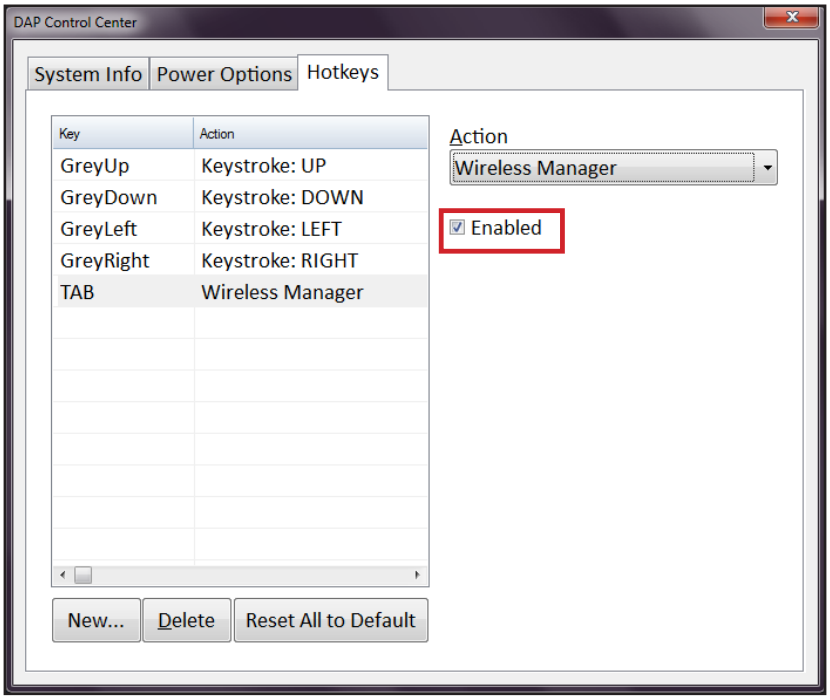
4. Tap on the key in Input key window, for hotkey assignment, and tap **OK**.

   The selected hotkey appears in the table on Hotkeys page .

5. Assign an action to the hotkey. Tap on the hotkey and then tap on Action field. A list of actions opens on the screen. Tap on the desired action in the list.

> **NOTE:**
> To activate the hotkey, make sure the **Enabled** checkbox is checked.

In the following illustration, the **TAB** key is assigned to open the Wireless Manager.



6. After the hotkey is assigned, do one of the following:
   - Tap **New**, to assign the next hotkey. Repeat steps from 1 to 6.
   - Select the key and tap **Delete**, to delete the hotkey assignment.
   - Tap **Reset All to Default**, to remove all the hotkey assignments.
   - Tap , to close the Hotkeys page.

CHAPTER 3

Connecting Your Tablet Computer

You can extend the capabilities of your Tablet Computer by connecting other peripheral devices. When using a device, be sure to read the instructions accompanying the device together with the relevant section in this chapter.

This chapter gives guidelines on installing and using these devices:

- USB Device
- HDMI Device
- Audio Device
- Serial Devices

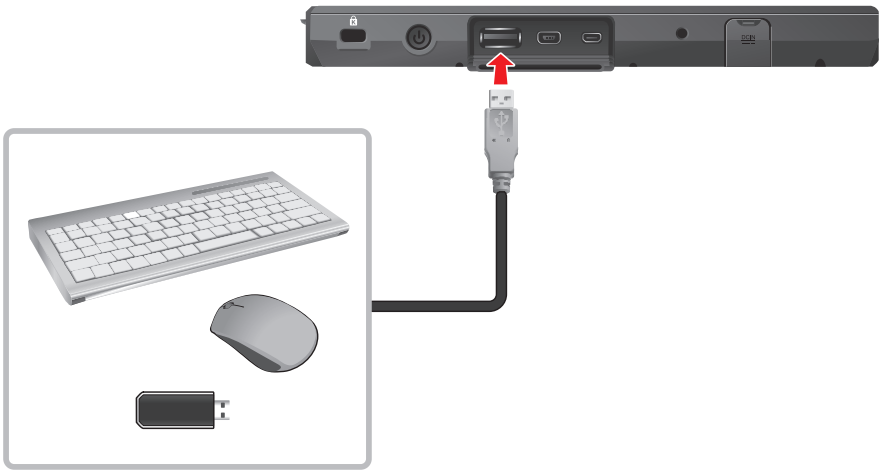
Connecting USB Devices

Your Tablet Computer has two USB ports: one USB (Type A) port and one mini USB port.

USB Port Connection

Use the USB port to connect USB devices, such as a flash disk drive, scanner, printer, keyboard, and mouse.

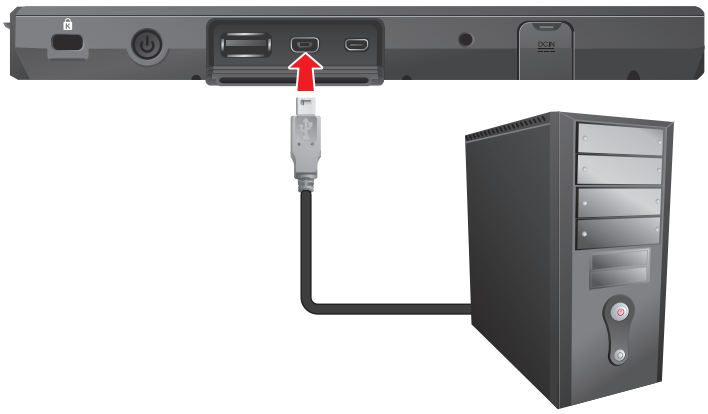
To connect a USB device, simply plug the device cable into the USB port of your Tablet Computer.



Mini USB Port Connection

Use the mini USB port to connect your Tablet Computer to another computer or notebook.

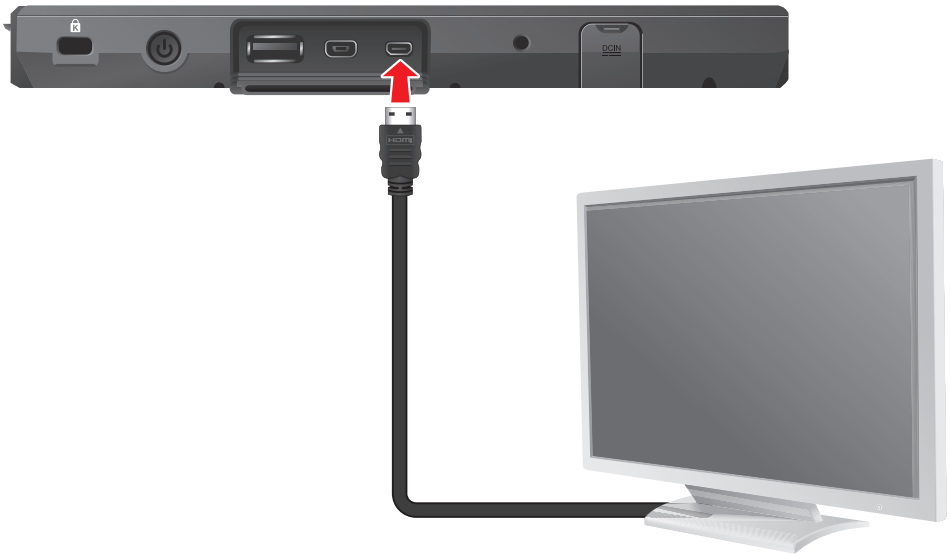
To connect, plug the mini USB cable connector to the mini USB port of your Tablet Computer and plug the other end of the USB cable to a computer or notebook.



Connecting HDMI Devices

Your Tablet Computer has one mini HDMI port for connecting HDMI devices, such as an external monitor.

To connect an HDMI device, simply plug the device cable into the mini HDMI connector of your Tablet Computer.



Connecting Audio Devices

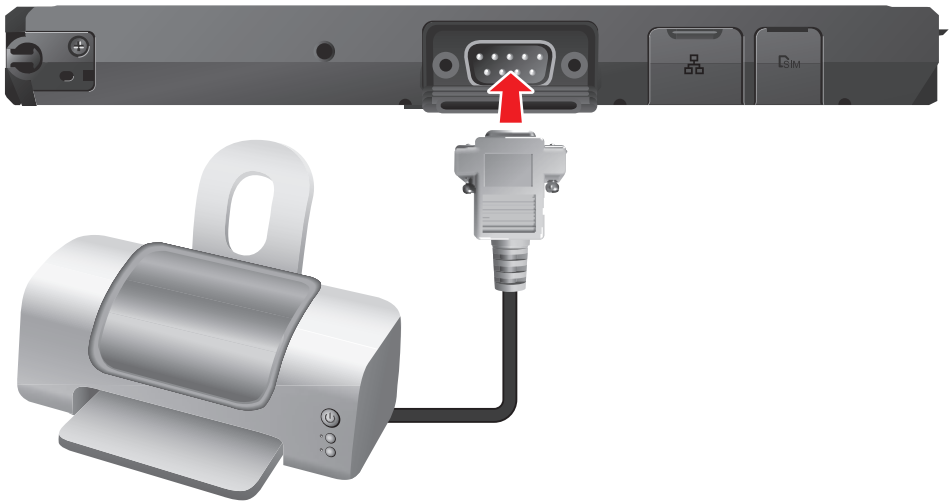
Your Tablet Computer has one combo audio connector that supports both audio in and audio out devices. You can connect speakers, headphones, or an earphone set.

To connect an audio device, simply plug the device cable into the audio connector of your Tablet Computer.

Connecting Serial Devices

Your Tablet Computer has one RS232 port for connecting serial devices, such as barcode scanners, printers, among others.

To connect a serial device, simply plug the device cable into the RS232 port of your Tablet Computer. Attach the screws to secure the connection.



CHAPTER 4

Managing Power

Your Tablet Computer operates either on external AC power or on battery power.

This chapter tells you how you can effectively manage power. To maintain optimal battery performance, it is important that you use the battery in the proper way.

The topics in this chapter include:

- How to charge the battery pack
- How to check the battery level
- What happens when the battery is low and what actions to take
- What is Power Management
- How to save power

Battery Pack

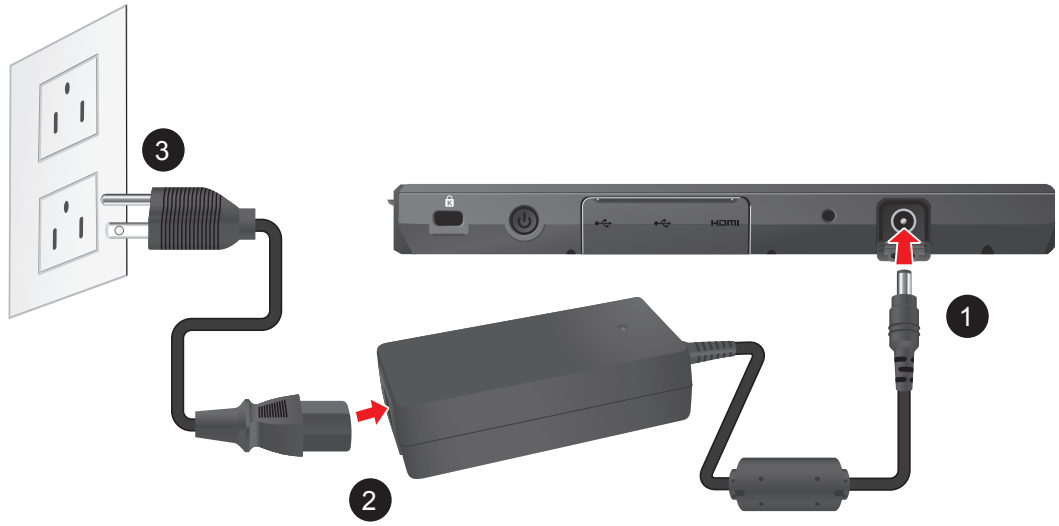
The operating time of a fully charged battery pack depends on how you use the Tablet Computer. When you use applications that often access peripherals, or when you stay connected to a wireless network, the operating time of the battery may be shortened.

> **WARNING:**
> - Do not disassemble the battery pack. There are no user-serviceable parts inside. Doing so may present risk of exposure to harmful chemicals, explosion or fire.
> - Contact your local waste disposal service provider regarding the disposal or recycling of used battery packs.

Charging the Battery Pack

To charge the battery pack, perform the following:

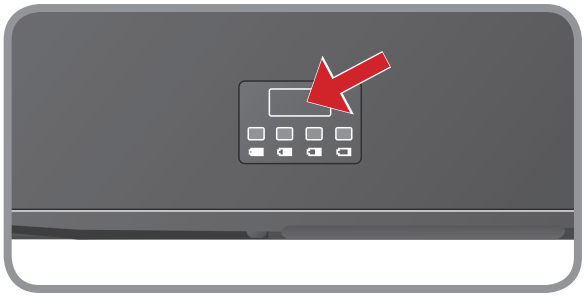
1. With the battery pack installed, plug the DC cord of the AC adapter into the power connector of the tablet computer.
2. Plug the female end of the AC power cord into the AC adapter.
3. Then plug the male end of the AC power cord into an electrical outlet.



The battery LED indicator (▭) blinks green to indicate that charging is in progress. When the battery is fully charged, the battery LED indicator glows solid green.

Checking the Battery Level

To check the battery level, press the battery button of the battery pack. The battery LED lights up. The number of lit up LEDs indicates the battery level of the battery pack.



NOTE: The battery capacity indicator shows only an approximate battery level status.

Replacing the Battery Pack

If you rely on battery power for a long period of time, consider purchasing additional batteries from your dealer to use for backup.

To replace the battery pack, perform the following:

1. Shut down the Tablet Computer.
2. Disconnect the Tablet Computer from the AC power.
3. Place the Tablet Computer face down on a flat even surface.
4. Slide the battery locks to the unlock (🔓) position (A).
5. Slide the battery latches outward to the "**open**" position (B).

6. Insert your finger on the tab and then lift to remove the battery pack .

7. Install the replacement battery pack in place (see “Installing the Battery Pack” on page 1-14).

> **NOTE:** You can still operate the Tablet Computer without a battery pack when it is connected to a power source. However, this action is not recommended as an empty battery pack slot exposes the Tablet Computer internal parts to environmental hazards, such as dust and water.

Power Management

The power management feature helps reduce power consumption which extends battery life.

Your Tablet Computer supports ACPI (Advanced Configuration and Power Interface) for power management. Power supply to different components is controlled on an as-needed basis. This allows maximum power conservation and performance at the same time.

Windows comes with pre-defined Power Options (**Balanced**, **Power Saver**, and **High Performance**) for you to select. You can access Power Options by tapping **Start** > **Control Panel** > **Power Options**. By default, your Tablet Computer is in **Balanced Mode**.

For detailed information on power management, see Windows Help.

Power Saving Tips

Here are some practical suggestions that you can do to maximize the operating time of the battery:

- Enable Power Management. Choose a power plan that saves power. A power plan is a collection of hardware and system settings that control how your Tablet Computer manages power.
- Decrease the LCD brightness to the lowest comfortable level.
- Shorten the length of time before Windows turns off the display.
- Many USB devices use power just by being connected. If you use a USB flash drive, unplug it when you are not using it.
- Deactivate the Wireless LAN function if you are not using it.
- Deactivate Bluetooth wireless feature if you are not using it.
- Turn off the Tablet Computer when you are not using it.

CHAPTER 5

Expanding Your Tablet Computer

You can optimize the capabilities of your Tablet Computer by using other optional accessories.

This chapter gives guidelines on installing and using these accessories:

- Docking Station
- Expansion Module
- Extendable Battery Pack

Connecting the Docking Station

The Office Dock, a docking station designed for use with your Tablet Computer is available as an optional accessory.

The Office Dock has the following features:

- Docks the Tablet Computer with adjustable fangs up to 20° for comfortable viewing capabilities
- Charges the Tablet Computer battery pack
- Charges an additional battery pack with its extra battery bay
- Provides four USB ports
- Provides one RS232 port
- Provides one Line-In and one Line-out port
- Provides one RJ45 jack that supports up to 1GB LAN connection
- With two LED indicators

Docking the Tablet Computer

To dock your Tablet Computer, simply align the docking connectors of the Tablet Computer to the connectors on the Office Dock.

NOTE: For information on using the Office Dock, refer to the User Manual that comes with the device.

Installing the Expansion Module

Your Tablet Computer is designed to extend its functionality with the use of the Expansion Module. The Expansion Module provides a Smart Card Reader and a SIM card slot.

Perform the following to install the Expansion Module to your Tablet Computer:

1. Align the expansion connectors (pogo connectors) of your Tablet Computer to the connectors on the Expansion Module.

2. Tighten the screw to secure the Expansion Module to the Tablet Computer.

NOTE: For information on using the Expansion Module, refer to the User Manual that comes with the module.

Installing the Extendable Battery Pack

For longer battery life, you can use the Extendable Battery Pack which is available as an optional accessory.

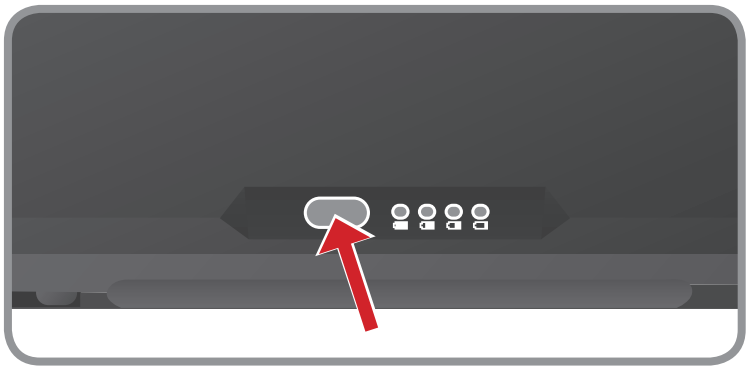
Perform the following to install the Extendable Battery Pack to your Tablet Computer:

1. Place the Tablet Computer face down on a flat even surface.
2. Align and place the battery pack on its bay.

3. Tighten the screws to secure the Extendable Battery Pack to the Tablet Computer.

Checking the Battery Level

To check the battery level of the Extendable Battery Pack, press the battery button. The battery LED lights up. The number of lit up LEDs indicates the battery level of the battery pack.



CHAPTER 6

Using BIOS Setup and System Recovery

BIOS Setup Utility is a program for configuring the BIOS (Basic Input/ Output System) settings of the tablet computer. The BIOS is a layer of software, called firmware, that translates instructions from other layers of software into instructions that the tablet computer hardware can understand. The BIOS settings are needed by your tablet computer to identify the types of installed devices and establish special features.

System Recovery reinstalls Windows to your system and configures it to s factory default settings.

The chapter describes how to use the BIOS Setup and System Recovery.

BIOS Setup

When to Use

You need to run BIOS Setup utility when:

- You see an error message on the screen requesting that you run BIOS Setup utility.
- You want to restore the factory default BIOS settings.
- You want to modify some specific hardware settings.
- You want to modify some specific settings to optimize the system performance.

Starting BIOS Setup Utility

A USB keyboard is required to access, move around, and make selections in the BIOS Setup Utility.

1. Before turning on the Tablet Computer, connect the USB keyboard to the USB port of the Tablet Computer.
2. Power on the Tablet Computer.
3. When the system starts up and the post screen logo appears, quickly press **F2** or the **Delete** key to enter the BIOS Setup Utility.

How to Use

NOTE:

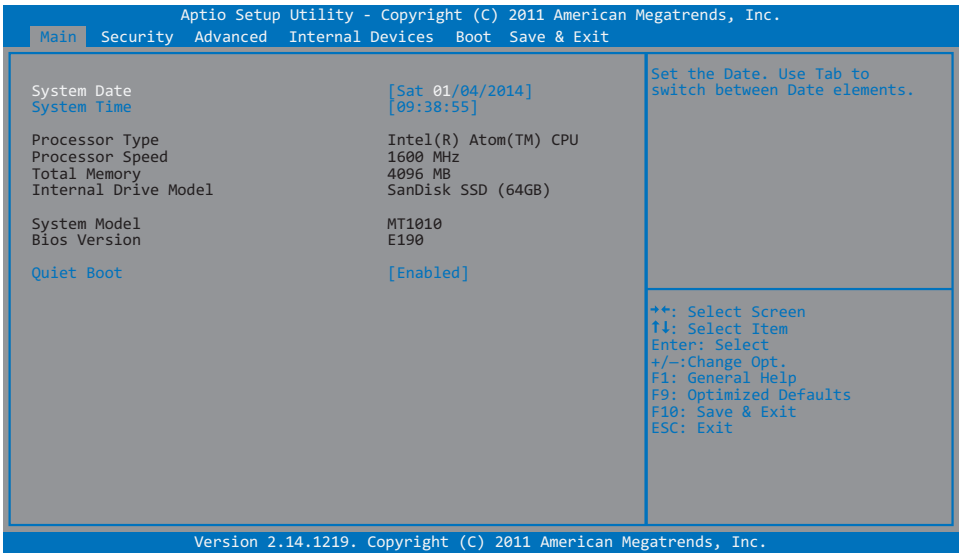
- The BIOS Setup Utility screens shown in this chapter are for reference only. The actual items or settings on your Tablet Computer may differ.
- The settings you select in your operating system might override similar settings in BIOS Setup Utility.

Key	Function
◄ / ►	Selects a menu title.
▲ / ▼	Selects an item or option.
Enter	• Brings up the submenu, if available • When an item is selected, opens or closes the options window • Goes to the next field when an item has multiple fields, such as System Date.
+ / -	Changes the option or adjusts the value.
F1	Displays help.
F9	Optimized Defaults.
F10	Save and exit BIOS.
Esc	Returns to the previous menu if in a submenu or Exit BIOS.

BIOS Menu

Main Menu

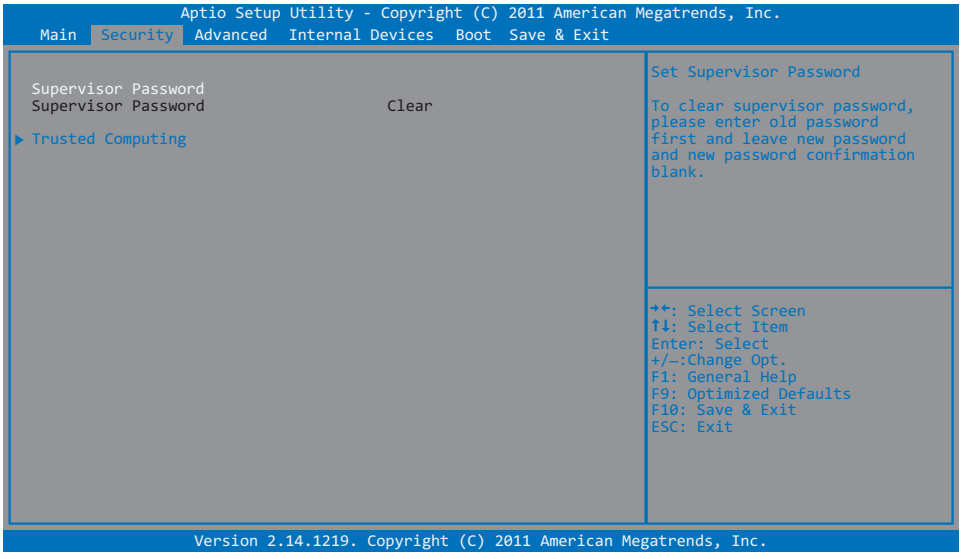
The Main menu contains the system date and time settings and shows the basic system information.


Aptio Setup Utility - Copyright (C) 2011 American Megatrends, Inc.
Main Security Advanced Internal Devices Boot Save & Exit
System Date [Sat 01/04/2014]
System Time [09:38:55]
Processor Type Intel(R) Atom(TM) CPU
Processor Speed 1600 MHz
Total Memory 4096 MB
Internal Drive Model SanDisk SSD (64GB)
System Model MT1010
Bios Version E190
Quiet Boot [Enabled]
Set the Date. Use Tab to switch between Date elements.
→←: Select Screen
↑↓: Select Item
Enter: Select
+/-:Change Opt.
F1: General Help
F9: Optimized Defaults
F10: Save & Exit
ESC: Exit
Version 2.14.1219. Copyright (C) 2011 American Megatrends, Inc.

- **System Date**: Sets the system date.
- **System Time**: Sets the system time.
- **Quiet Boot**: Enables or disables the Quiet Boot option.

Security Menu

The Security menu contains the security settings, such as configuring the Supervisor Password and Trusted Computing.


Aptio Setup Utility - Copyright (C) 2011 American Megatrends, Inc.
Main Security Advanced Internal Devices Boot Save & Exit
Supervisor Password
Supervisor Password Clear
▶ Trusted Computing
Set Supervisor Password
To clear supervisor password, please enter old password first and leave new password and new password confirmation blank.
→←: Select Screen
↑↓: Select Item
Enter: Select
+/-:Change Opt.
F1: General Help
F9: Optimized Defaults
F10: Save & Exit
ESC: Exit
Version 2.14.1219. Copyright (C) 2011 American Megatrends, Inc.

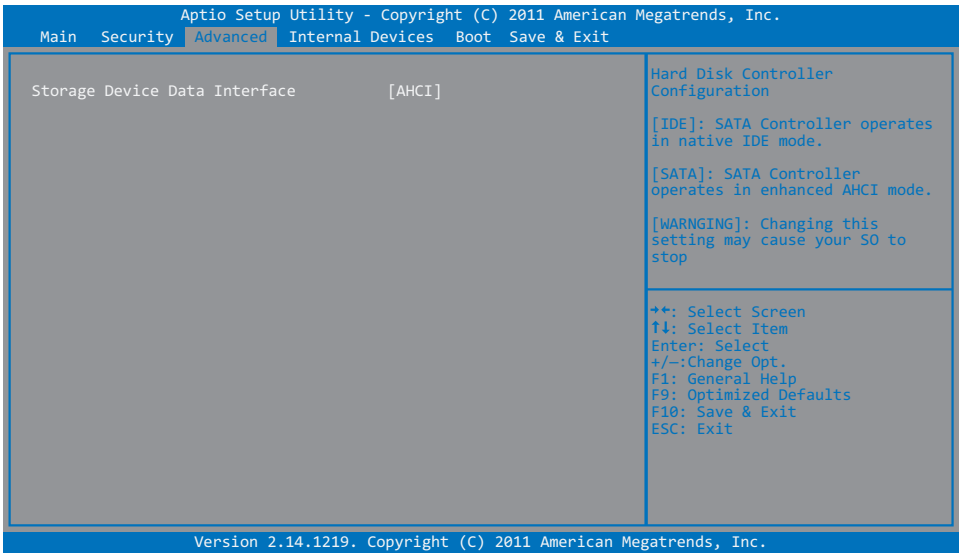
- **Supervisor Password**: Configures the supervisor password which will be required before you can enter the BIOS Setup Utility. When the Supervisor Password is configured, the word “Set” is shown on the screen. If the

Supervisor Password is not configured, the word “Clear” is displayed.

- **Trusted Computing**: Enables or disables BIOS support for TPM (Trusted Platform Module) security devices.

Advanced Menu

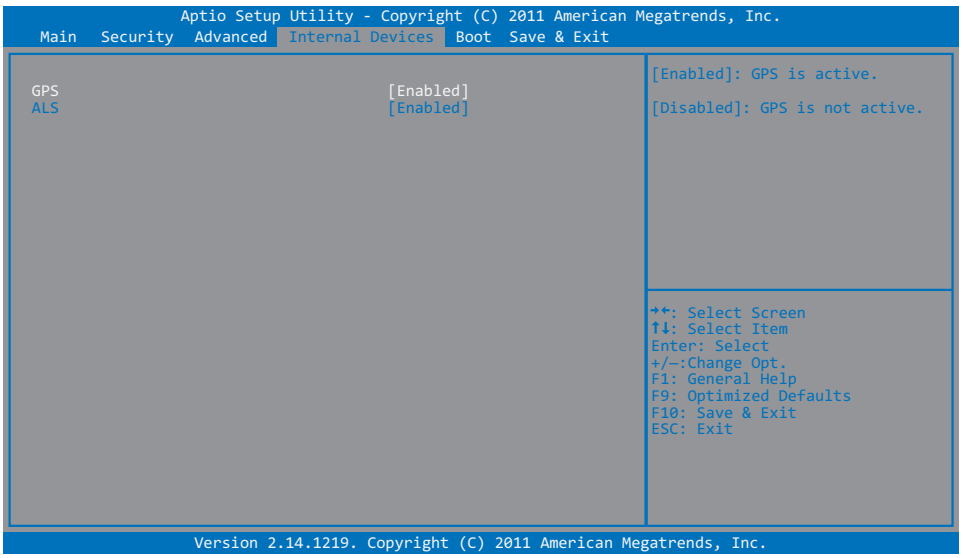
The Advanced menu contains the advanced settings, such as Wake On LAN and Storage Device Data Interface settings.


Aptio Setup Utility - Copyright (C) 2011 American Megatrends, Inc.
Main Security Advanced Internal Devices Boot Save & Exit
Storage Device Data Interface [AHCI]
Hard Disk Controller Configuration
[IDE]: SATA Controller operates in native IDE mode.
[SATA]: SATA Controller operates in enhanced AHCI mode.
[WARNGING]: Changing this setting may cause your SO to stop
→←: Select Screen
↑↓: Select Item
Enter: Select
+/-:Change Opt.
F1: General Help
F9: Optimized Defaults
F10: Save & Exit
ESC: Exit
Version 2.14.1219. Copyright (C) 2011 American Megatrends, Inc.

- **Storage Device Data Interface**: Selects how the hard disk controller operates, options are **IDE** or **AHCI** mode.

Internal Devices Menu

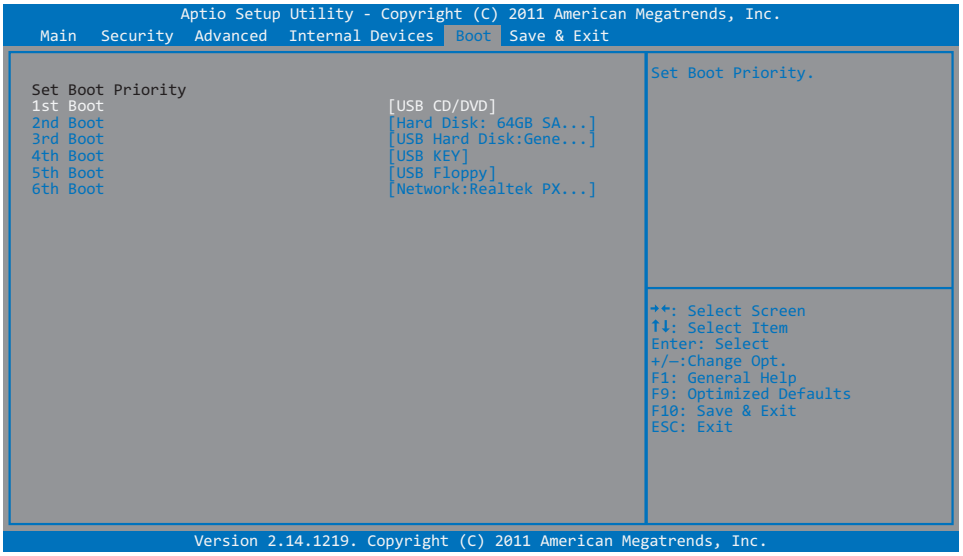
The Internal Devices menu enables or disables the built-in devices in the Tablet Computer.


Aptio Setup Utility - Copyright (C) 2011 American Megatrends, Inc.
Main Security Advanced Internal Devices Boot Save & Exit
GPS [Enabled]
ALS [Enabled]
[Enabled]: GPS is active.
[Disabled]: GPS is not active.
→←: Select Screen
↑↓: Select Item
Enter: Select
+/-:Change Opt.
F1: General Help
F9: Optimized Defaults
F10: Save & Exit
ESC: Exit
Version 2.14.1219. Copyright (C) 2011 American Megatrends, Inc.

- **GPS**: Enables or disables the GPS antenna.
- **ALS**: Enables or disables the Ambient Light Sensor (ALS).

Boot Menu

The Boot menu sets the boot order of devices.


Aptio Setup Utility - Copyright (C) 2011 American Megatrends, Inc.
Main Security Advanced Internal Devices Boot Save & Exit
Set Boot Priority
1st Boot [USB CD/DVD]
2nd Boot [Hard Disk: 64GB SA...]
3rd Boot [USB Hard Disk:Gene...]
4th Boot [USB KEY]
5th Boot [USB Floppy]
6th Boot [Network:Realtek PX...]
Set Boot Priority.
→←: Select Screen
↑↓: Select Item
Enter: Select
+/-:Change Opt.
F1: General Help
F9: Optimized Defaults
F10: Save & Exit
ESC: Exit
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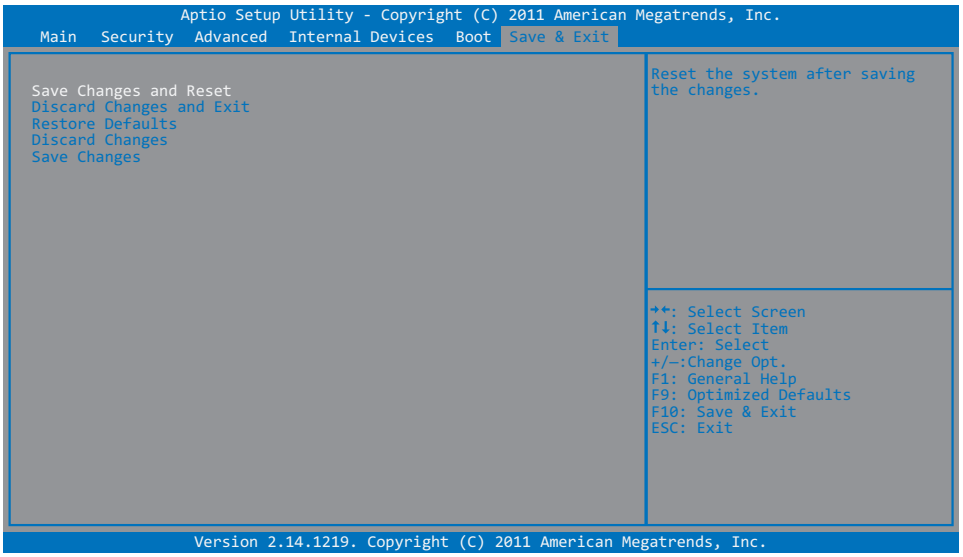
Save & Exit Menu

The Save & Exit menu displays ways of exiting BIOS Setup Utility. After modifying the settings, you must save and exit for the changes to take effect.


Aptio Setup Utility - Copyright (C) 2011 American Megatrends, Inc.
Main Security Advanced Internal Devices Boot Save & Exit
Save Changes and Reset
Discard Changes and Exit
Restore Defaults
Discard Changes
Save Changes
Reset the system after saving the changes.
→←: Select Screen
↑↓: Select Item
Enter: Select
+/-:Change Opt.
F1: General Help
F9: Optimized Defaults
F10: Save & Exit
ESC: Exit
Version 2.14.1219. Copyright (C) 2011 American Megatrends, Inc.

- **Save Changes and Reset**: Saves the changes then restarts the system.
- **Discard Changes and Exit**: Exits BIOS Setup Utility without saving the changes you have made.
- **Restore Defaults**: Restores the default values for all the setup items.
- **Discard Changes**: Restores the previous values of all items.
- **Save Changes**: Saves the changes you have made.

APPENDIX A

Maintenance, Troubleshooting and Specifications

This chapter covers the following topics:

- How to care for your Tablet Computer
- Troubleshoot your Tablet Computer
- Tablet Computer Specifications

Taking Care of the Tablet Computer

Location Guidelines

- Keep the tablet computer at least 13 cm (5 inches) away from electrical appliances that can generate a strong magnetic field such as a TV, refrigerator, motor, or a large audio speaker.

General Guidelines

- Do not place heavy objects on top of the tablet computer as this may damage the display.
- The screen surface is easily scratched. Use the screen protector film to protect it. Do not use paper towels to clean the display but use the included cleaning cloth. Avoid touching it with a pen or pencil.
- To maximize the life of the backlight in the display, allow the backlight to automatically turn off as a result of power management. Avoid using a screen saver or other software that prevents the power management from working.

Cleaning Guidelines

- Use a soft cloth moistened with water or a non-alkaline detergent to wipe the exterior of the tablet computer.
- Gently wipe the display with a soft, lint-free cloth. Do not use alcohol or detergent on the display.

Touchscreen Guidelines

- Use your finger or the included stylus on the display. Using a sharp or metallic object may cause scratches and damage the display, thereby causing errors.
- Use a soft cloth to remove dirt on the display. The touchscreen surface has a special protective coating that prevents dirt from sticking to it. Not using a soft cloth may cause damage to the special protective coating on the touchscreen surface. To clean off hard to remove dirt, blow some steam on the particular area and gently wipe away using a soft cloth.
- Do not use excessive force on the display. Avoid placing objects on top of the display as this may cause the glass to break.

When there is a noticeable discrepancy in the operation of the touchscreen function (stylus touch does not correlate to the proper location on the screen), recalibrate the touchscreen display (see “Calibrating the Screen” on page 2-3).

Troubleshooting

When you encounter problems when using the Tablet Computer, try the following troubleshooting tips first to detect and solve the problem. If the problem persists, contact customer support.

Problem	Solution
The battery is not charging.	• Make sure the AC adapter is properly connected. • Make sure the battery is not too hot or too cold. • Make sure the battery pack is installed correctly. • Make sure the battery terminals are clean.
Nothing appears on the screen.	• The Tablet Computer may be in sleep mode. Press the power button to wake up the display. • The brightness level may be too low. Increase brightness (see “Adjusting Screen Brightness” on page 2-6).
The screen suddenly turns blank and the power indicator goes off.	• Make sure the AC adapter is properly connected. • If using a battery pack, the battery pack may be depleted, replace or charge the battery.
I cannot use the wireless LAN feature.	• Make sure that wireless LAN feature is turned on.
Wireless LAN signal quality is poor.	• The Tablet Computer may be out of range. Move your Tablet Computer closer to the access point or another wireless LAN device associated with it. • Check if your surroundings have interferences, such as microwave ovens, cordless phones. Move the Tablet Computer away from objects causing interference.
I cannot connect to another wireless LAN device.	• Make sure that wireless LAN feature is turned on. • Make sure that the SSID setting is the same for every wireless LAN device in the network. • Restart the Tablet Computer. • Make sure the IP address or subnet mask setting is correct.

Problem	Solution
I cannot connect to another device with Bluetooth.	• Make sure that both devices have Bluetooth turned on. • Make sure that the distance between the two devices is within 10 meters and there are no walls or large obstructions between the devices. • Make sure that both devices are turned on and are configured to be discoverable. • Make sure that both devices are compatible.
No sound is produced.	• Adjust the volume of the Tablet Computer (see “Adjusting Volume” on page 2-6). • If using an external audio device, make sure that the cable is properly connected.

Tablet Computer Specifications

Technical Specifications	
Processor	Intel® Cedar Trail N2600 (1.6GHz)
BIOS	• AMI Aptio® • TAA socket
Chipset	• Intel Tiger Point • NM10
Main Memory	DDR3 2GB
Display	• 10.1” backlight LED • 1280 x 800
Graphics	• Intel Cedar View SGX545 • SGX545@400MHz
Camera	• Back Cam CMOS, 5.0MP with auto focus • Front Cam CMOS, 2MP with fixed focus
Storage	32/64/128GB
Card Slot	MicroSD Card Reader
Connectivity	• WLAN: 802.11 a/b/g/n, half-size mini PCI-E card with BT • WWAN: Gobi 5000
LED Status Indicator	• Heater On • RF On/Off • Battery Full / Charging / Low • Power On
Interface	• 3.5 Φ Audio Jack x 1 • HDMI Type D x 1 • MicroSD Card x 1 • Micro-SIM Card x 1 • USB Type A x 1 • USB Mini-A x 1 • RJ-45 x 1 • Expansion Port x 1 • Docking Port x 1
Antenna	• WWAN Main • WLAN x 2 • GPS
Audio	• Single Digital Mic • 1 x Speaker, 200Hz ~ 16KHz
Power Management	ACPI 3.0 Supported

Technical Specifications	
Battery Bridge Battery	Lithium-Polymer Battery Pack with power saving features activated
AC Adapter	AC 100 ~ 240V, 50 ~ 60Hz, DC 12V, 60W

Physical Specifications	
Dimensions (WxHxT)	290 x 195 x 21 mm
Weight	< 1.2 Kg (including battery)
Security	• Infineon chip on board • Fingerprint Reader Swipe-type biometric sensor • Kensington Lock

APPENDIX B

Regulatory Information

This appendix provides regulatory statements and safety notices about your Tablet Computer.

> **NOTE:** Marking labels located on the exterior of your Tablet Computer indicate the regulations that your model complies with. Check the marking labels and refer to the corresponding statements in this appendix. Some notices apply to specific models only.

Important Information

ATTENTION: Pour réduire le risque d'incendie ou de choc électrique ne pas exposer l'appareil à la pluie ou à l'humidité. VERIFIER que le cordon électrique est la prise murale pour un delai d'inactivite prolongé. Pour arrêter complètement l'alimentation de l'appareil, débranchez le cordon d'alimentation de la prise AC. N'enlever ni le capot arrière ni les pièces internes de l'appareil. Contactez un personnel qualifié si nécessaire.

SA1965

AVERTISSEMENT ÉLECTRIQUE

Utilisé pour les instructions destinés à alerter l'utilisateur d'un CHOC ÉLECTRIQUE mortel ou de blessure grave en cas d'utilisation incorrecte de l'unité.

SA1966

AVERTISSEMENT

Utilisé pour les instructions destinés à alerter l'utilisateur d'un risque mortel ou de blessure grave en cas d'utilisation incorrecte de l'unité.

ATTENTION: Pour réduire le risque d'incendie ou de choc electrique ne pas exposer l'appareil à la pluie ou à l'humidité FAIRE le cordon électrique est DÉBRANCHÉ DE LA PRISE MURALE DANS UN DELAI DE PROLONGER INACTIVITÉ. De se désengager totalement LE POUVOIR DE L'UNITE, S'IL VOUS PLAÎT DEBRANCHER LE CORDON D'ALIMENTATION DE LA PRISE AC. NE PAS Romove le capot arrière, pas de PIÈCES À L'INTÉRIEUR. Contactez un personnel qualifié S'il faut le réparer.

SA1965

ELECTRIQUE AVERTISSEMENT

Sert aux instructions destin es alerter l'utilisateur d'un CHOC ÉLECTRIQUE mortel ou de blessure grave en cas d'utilisation incorrecte de l'unit.

SA1966

AVERTISSEMENT

Sert aux instructions destin es alerter l'utilisateur d'un risque mortel ou de blessure grave en cas d'utilisation incorrecte de l'unit .

Safety Information (EN)

Follow and adhere to all warnings and instructions on the screen. For your safety, please read all safety and operating instructions before using the Tablet Computer. Keep this manual for future reference.

1. Carefully read all recommendations and precautions for use before using this product.
2. Retain all recommendations and precautions for future reference as necessary.
3. Read and be sure to understand all warnings listed in the precautions.
4. Follow all operating precautions when using this product.
5. Use only a dry cloth to clean this product.
6. Do not place the product near any heat sources such as radiators, warm air intakes, stoves or other heat-generating devices (including amplifiers or other heat producing equipment).
7. Do not disregard the safety that a polarized or grounded connection can provide. A polarized connection consists of two plugs, one of which is larger than the other. A grounded connection has two blades and a third one that is grounded. If the main plug provided cannot be inserted into your outlet, consult an electrician to replace your obsolete outlet.
8. Protect the power cord from being crushed or pinched, particularly in the area of the plugs, any receptacles used, and the point of exit from the apparatus. Do not break off the ground pin of the power cord.
9. Use only accessories specified by the manufacturer.
10. Use only with accessories specified by the manufacturer or sold with the product.

11. Unplug this apparatus during lightning storms or when it is not being used for long periods.
12. Refer all servicing to qualified service personnel. A technical intervention is required when the apparatus has been damaged in any way or does not operate normally.

Informations de sécurité (FR)

Suivez et respectez tous les avertissements et instructions figurant sur l'écran. Pour votre sécurité, s'il vous plaît lire toutes les consignes de sécurité et de fonctionnement avant d'utiliser le Tablet Computer. Gardez ce manuel pour référence future.

1. Lire avec attention toutes les recommandations et precautions d'emploi avant d'utiliser ce produit.
2. Veuillez conserver ces recommandations et précautions pour référence future.
3. Lire et comprendre tous les avertissements énumérés dans les précautions d'emploi.
4. Suivre toutes les précautions d'emploi pour utiliser ce produit.
5. Utiliser exclusivement un chiffon sec pour nettoyer ce produit.
6. Ne pas placer le produit près de toute source de chaeur telle que radiateurs, arrivées d'air chaud, fourneaux ou autres appareils générant de la chaleur (incluant les amplificateurs producteurs de chaleur) .
7. Ne pas négliger la sécurité que procure un branchement polarisé ou avec raccordement à la terre, Un branchement polarisé comprend deux fiches dont l'une est plus large que l'autre. Un branchement à la terre comprend deux fiches plus une troisième reliée à la terre. Si la fiche secteur fournie ne s'insert pas dans votre prise de courant. consulter un 'électricien afin de remplacer votre prise obsolète.
8. Protéger le cordon d'alimentation de tout écrasement ou pincement, particulièrement au niveau des fiches, des réceptacles utilisés et à l'endroit de sortie de l'appareil. Ne pas casser la fiche de terre du cordon d'alimentation.
9. Utiliser uniquement les accessoires spécifiés par le constructeur.
10. Utilisez seulement des accessoires spécifiés par le manufacturier ou vendus avec le produit.
11. Débrancher cet appareil lors d'orages ou s'il n'est pas utilize pendant une longue période.
12. Faire exécuter le service par du personnel qualifié. Une intervention technique est requise lorsque l'appareil a été endommagé ou n'opère pas normalement.

About the Batteries

Nordic Lithium Cautions (for lithium-ion batteries)

CAUTION!
Dispose of used batteries according to the manufacturer's instructions. (English)

ATTENTION!
Il y a danger d'explosion s'il y a remplacement incorrect de la batterie. Remplacer uniquement avec une batterie du mêre type ou d'un type équivalent recommandé par le constructeur. Mettre au rebut les batteries usagées conformément aux instructions du fabricant. (French)

About the Adapter

- Use only the supplied AC adapter (Rating: Input DC 12V, 4.16A). Use of another type of AC adapter will result in malfunction and/or danger.
- Do not use the adapter in a high moisture environment. Never touch the adapter when your hands or feet are wet.
- Allow adequate ventilation around the adapter when using it to operate the device or charge the battery. Do not cover the AC adapter with paper or other objects that will reduce cooling. Do not use the AC adapter while it is inside a carrying case.
- Connect the adapter to a proper power source. The voltage requirements are found on the product case and/or packaging.
- Do not use the adapter if the cord becomes damaged.
- Do not attempt to service the unit. There are no serviceable parts inside. Replace the unit if it is damaged or exposed to excess moisture.

FCC Regulations

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user‘s authority to operate the equipment.

Operation on the 5.15-5.25GHz frequency band is restricted to indoor use only. The FCC requires indoor use for the 5.15-5.25GHz band to reduce the potential for harmful interference to co-channel Mobile Satellite Systems. Therefore, it will only transmit on the 5.25-5.35 GHz, 5.47-5.725 GHz and 5.725 –5.850 GHz band when associated with an access point (AP).

CE Notice (European Union)

This device has been tested and found to conform with the limits set for a Class B product.

- EN 55022 — “Limits and Methods of Measurement of Radio Interference Characteristics of Information Technology Equipment”
- EN 55024 — “Information technology equipment - Immunity characteristics - Limits and methods of measurement”
- EN 61000-3-2 — “Electromagnetic compatibility (EMC) - Part 3: Limits - Section 2”
- EN 61000-3-3 — “Electromagnetic compatibility (EMC) - Part 3: Limits - Section 3”
- EN 60950 — “Safety of Information Technology Equipment.”
- EN 55022 Emissions requirements

RF Exposure Information (SAR)

This device is compliance with SAR for general population /uncontrolled exposure limits in ANSI/IEEE C95.1-1999 and had been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C.

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device was tested for operations with the device contacted directly to the human body to the back side of the EUT. To maintain compliance with FCC RF exposure compliance requirements, avoid direct contact to the transmitted antenna during transmitting.

IC Regulations

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

This Class B digital apparatus complies with Canadian ICES-003

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

The device could automatically discontinue transmission in case of absence of information to transmit, or operational failure. Note that this is not intended to prohibit transmission of control or signaling information or the use of repetitive codes where required by the technology.

The device for the band 5150-5250 MHz is only for indoor usage to reduce potential for harmful interference to co-channel mobile satellite systems; the maximum antenna gain permitted (for devices in the bands 5250-5350 MHz and 5470-5725 MHz) to comply with the e.i.r.p. limit; and The maximum antenna gain permitted (for devices in the band 5725-5850 MHz) to comply with the e.i.r.p. limits specified for point-to-point and non point-to-point operation as appropriate, as stated in section A9.2(3). In addition, High-power radars are allocated as primary users (meaning they have priority) of the band 5250-5350 MHz and this radar could cause interference and/or damage to LE-LAN devices.

The County Code Selection feature is disabled for products marketed in the US/ Canada. For product available in the USA/ Canada markets, only channel 1~11 can be operated. Selection of other channels is not possible.

Important Note

IC Radiation Exposure Statement

This EUT is compliance with SAR for general population/uncontrolled exposure limits in IC RSS-102 and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528.

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